

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
 Data File : BF090192.D
 Acq On : 22 Sep 2016 17:40
 Operator : UM/SJ
 Sample : H4856-10MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Quant Time: Sep 23 00:55:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	162984	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	653764	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	313004	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	477494	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	255384	20.00	ng	-0.02
86) Perylene-d12	14.94	264	285601	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	1010334	101.04	ng	0.00
7) Phenol-d6	6.17	99	1458586	118.12	ng	0.00
23) Nitrobenzene-d5	7.07	82	858067	76.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	269350	100.30	ng	-0.02
44) 2-Fluorobiphenyl	8.87	172	1456656	91.36	ng	-0.02
78) Terphenyl-d14	12.58	244	904081	89.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	157679	29.06	ng	98
3) Pyridine	2.54	79	389957	33.14	ng	98
4) n-Nitrosodimethylamine	2.50	42	150702	42.92	ng	99
6) Aniline	6.16	93	209351	13.60	ng	# 91
8) 2-Chlorophenol	6.28	128	427381	37.15	ng	93
9) Benzaldehyde	6.03	77	47301	8.79	ng	99
10) Phenol	6.18	94	629411	43.12	ng	# 63
11) bis(2-Chloroethyl)ether	6.25	93	458315	40.26	ng	94
12) 1,3-Dichlorobenzene	6.43	146	446807	37.17	ng	96
13) 1,4-Dichlorobenzene	6.51	146	458657	37.37	ng	97
14) 1,2-Dichlorobenzene	6.67	146	436112	39.89	ng	96
15) Benzyl Alcohol	6.66	79	319916	43.44	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	486208	35.74	ng	87
17) 2-Methylphenol	6.79	107	352151	38.86	ng	96
18) Hexachloroethane	7.02	117	171740	39.24	ng	# 77
19) n-Nitroso-di-n-propylamine	6.94	70	318891	43.96	ng	96
20) 3+4-Methylphenols	6.95	107	471035	43.29	ng	97
22) Acetophenone	6.92	105	565916	35.90	ng	# 99
24) Nitrobenzene	7.10	77	480255	40.87	ng	91
25) Isophorone	7.34	82	887503	37.67	ng	97
26) 2-Nitrophenol	7.42	139	243369	42.06	ng	# 85
27) 2,4-Dimethylphenol	7.47	122	402766	39.18	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	599345	42.05	ng	99
29) 2,4-Dichlorophenol	7.67	162	352547	39.10	ng	99
30) 1,2,4-Trichlorobenzene	7.74	180	357972	39.74	ng	98
31) Naphthalene	7.82	128	1309130	42.05	ng	99
32) Benzoic acid	7.55	122	15418	2.18	ng	# 80
33) 4-Chloroaniline	7.87	127	105754	8.19	ng	95
34) Hexachlorobutadiene	7.94	225	196383	41.33	ng	98
35) Caprolactam	8.25	113	54957	18.41	ng	97
36) 4-Chloro-3-methylphenol	8.38	107	385078	37.78	ng	95
37) 2-Methylnaphthalene	8.50	142	769333	39.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	297217	41.37	ng	98
40) Hexachlorocyclopentadiene	8.66	237	277618	78.31	ng	98

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 Misc :
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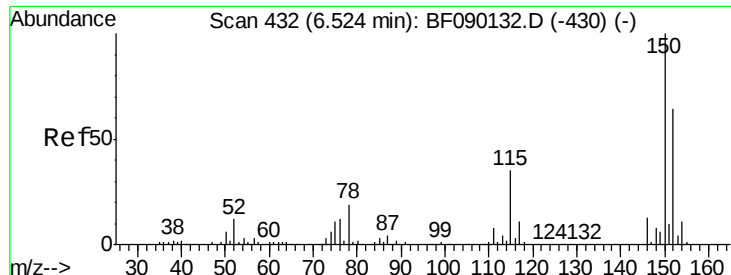
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Quant Time: Sep 23 00:55:08 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.79	196	210400	41.10	ng	100
43) 2,4,5-Trichlorophenol	8.83	196	212026	39.99	ng	# 89
45) 1,1'-Biphenyl	8.97	154	895903	40.01	ng	97
46) 2-Chloronaphthalene	8.98	162	704749	42.66	ng	96
47) 2-Nitroaniline	9.10	65	219966	44.16	ng	# 80
48) Acenaphthylene	9.39	152	1009539	37.63	ng	99
49) Dimethylphthalate	9.29	163	1266480	63.53	ng	99
50) 2,6-Dinitrotoluene	9.34	165	173677	39.09	ng	94
51) Acenaphthene	9.56	154	613109	38.50	ng	100
52) 3-Nitroaniline	9.50	138	136806	26.26	ng	85
53) 2,4-Dinitrophenol	9.61	184	44523	20.36	ng	94
54) Dibenzofuran	9.74	168	876936	41.84	ng	94
55) 4-Nitrophenol	9.69	139	241011	67.53	ng	96
56) 2,4-Dinitrotoluene	9.74	165	201735	38.40	ng	97
57) Fluorene	10.08	166	683695	43.29	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.86	232	163887	41.29	ng	98
59) Diethylphthalate	9.98	149	817686	42.47	ng	99
60) 4-Chlorophenyl-phenylether	10.08	204	284959	39.57	ng	92
61) 4-Nitroaniline	10.11	138	195629	36.84	ng	92
62) Azobenzene	10.24	77	942968	47.05	ng	93
64) 4,6-Dinitro-2-methylphenol	10.15	198	74165	24.80	ng	88
65) n-Nitrosodiphenylamine	10.20	169	700241	44.60	ng	100
66) 4-Bromophenyl-phenylether	10.56	248	192870	41.05	ng	# 80
67) Hexachlorobenzene	10.62	284	215545	39.36	ng	# 78
68) Atrazine	10.74	200	213952	49.73	ng	97
69) Pentachlorophenol	10.82	266	200964	64.65	ng	99
70) Phenanthrene	11.03	178	994029	44.51	ng	99
71) Anthracene	11.07	178	1004707	42.90	ng	99
72) Carbazole	11.23	167	906636	36.62	ng	98
73) Di-n-butylphthalate	11.59	149	1227070	42.62	ng	99
74) Fluoranthene	12.21	202	937102	39.09	ng	91
76) Benzidine	12.33	184	140367	16.42	ng	97
77) Pyrene	12.42	202	810315	46.37	ng	100
79) Butylbenzylphthalate	13.06	149	382405	44.73	ng	# 76
80) Benzo(a)anthracene	13.60	228	620270	45.14	ng	100
81) 3,3'-Dichlorobenzidine	13.58	252	101366	17.89	ng	# 97
82) Chrysene	13.65	228	584576	43.68	ng	98
83) Bis(2-ethylhexyl)phthalate	13.63	149	541214	49.47	ng	99
84) Di-n-octyl phthalate	14.24	149	841206	44.64	ng	100
85) Indeno(1,2,3-cd)pyrene	16.10	276	687186	63.50	ng	97
87) Benzo(b)fluoranthene	14.59	252	1260646	79.71	ng	98
88) Benzo(k)fluoranthene	14.59	252	1260646	84.94	ng	# 96
89) Benzo(a)pyrene	14.89	252	615594	41.38	ng	# 96
90) Dibenzo(a,h)anthracene	16.11	278	581571	50.10	ng	96
91) Benzo(g,h,i)perylene	16.45	276	560872	49.36	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

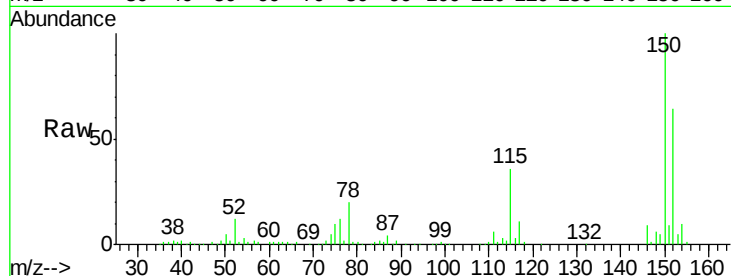
Tgt Ion: 152 Resp: 162984

Ion Ratio Lower Upper

152 100

150 156.3 128.9 193.3

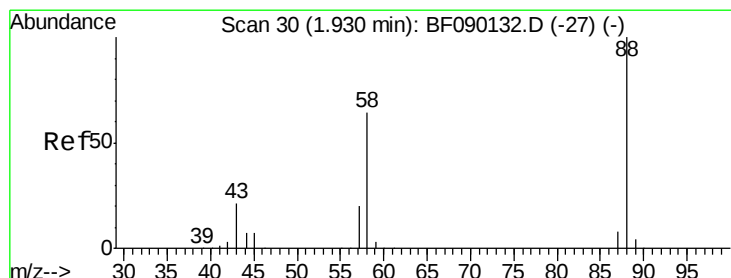
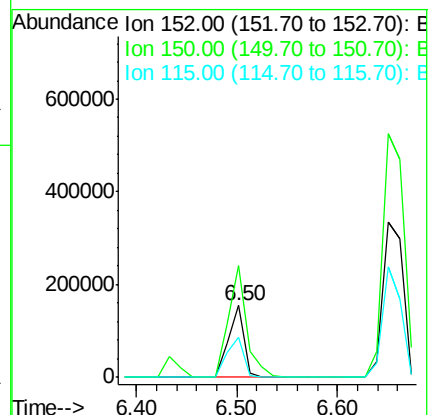
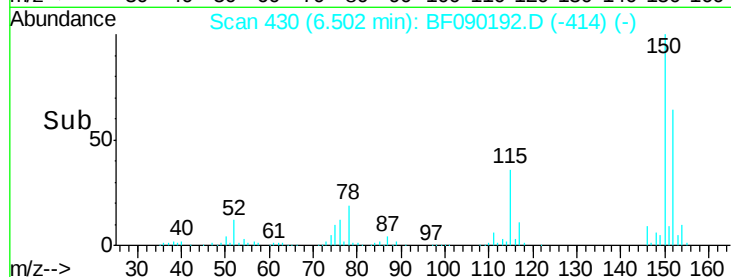
115 55.7 55.5 83.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.06 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

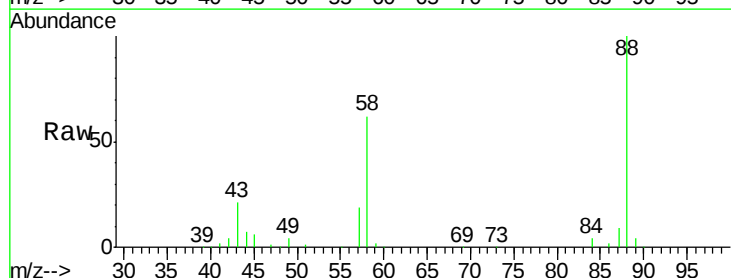
Tgt Ion: 88 Resp: 157679

Ion Ratio Lower Upper

88 100

58 65.3 53.4 80.0

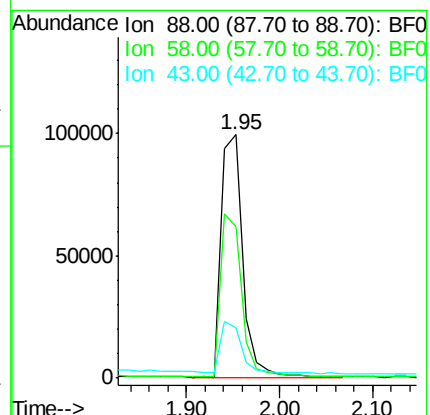
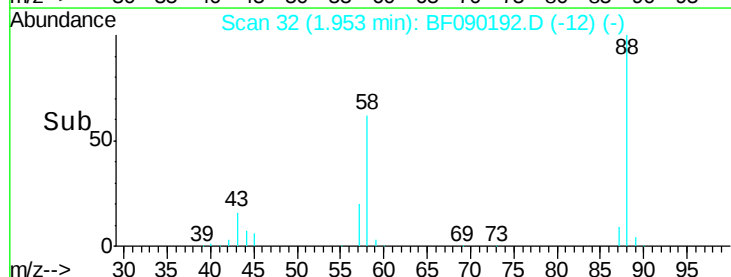
43 21.9 16.5 24.7

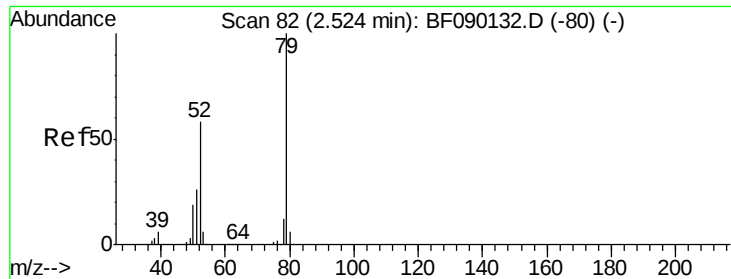


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.14 ng

RT: 2.54 min Scan# 83

Delta R.T. 0.01 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

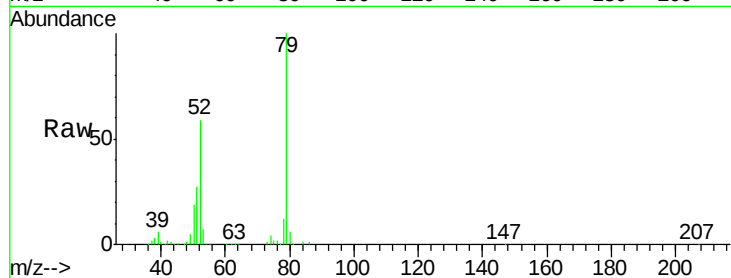
Tgt Ion: 79 Resp: 389957

Ion Ratio Lower Upper

79 100

52 59.0 45.9 68.9

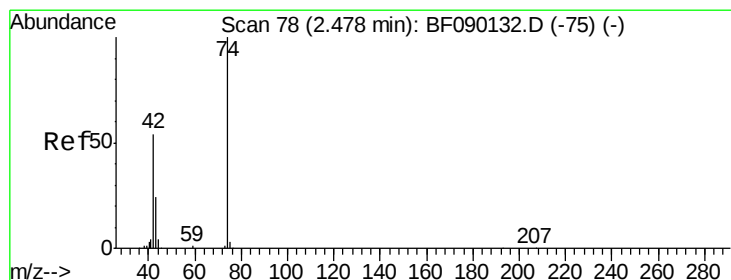
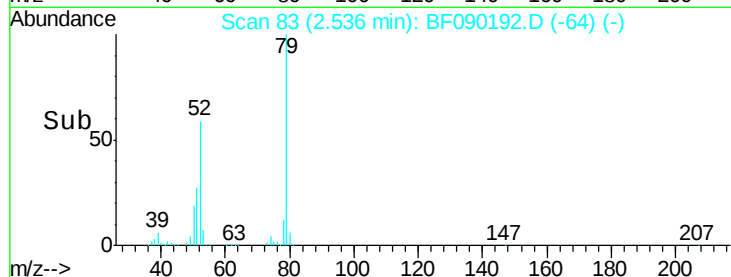
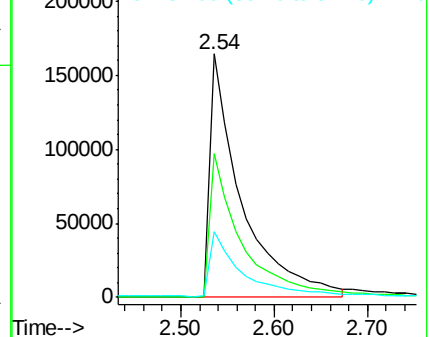
51 27.2 21.3 31.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.92 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

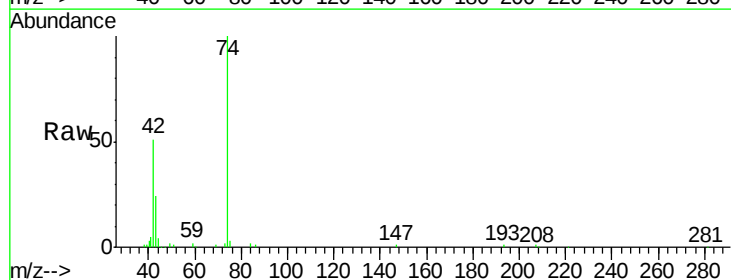
Tgt Ion: 42 Resp: 150702

Ion Ratio Lower Upper

42 100

74 196.4 158.7 238.1

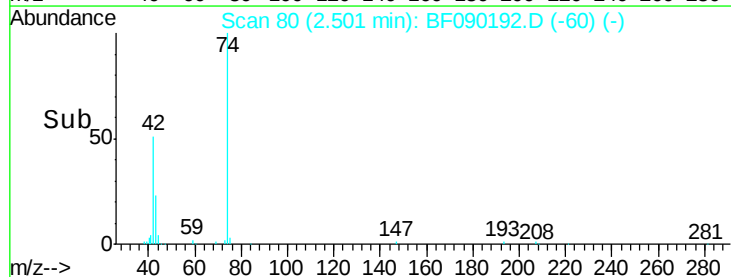
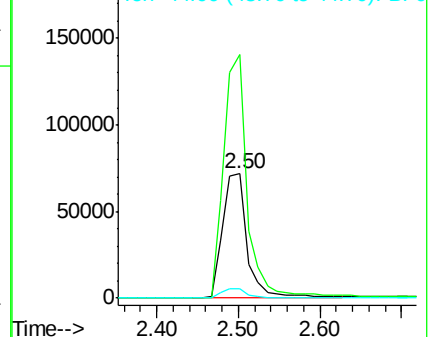
44 7.8 6.4 9.6

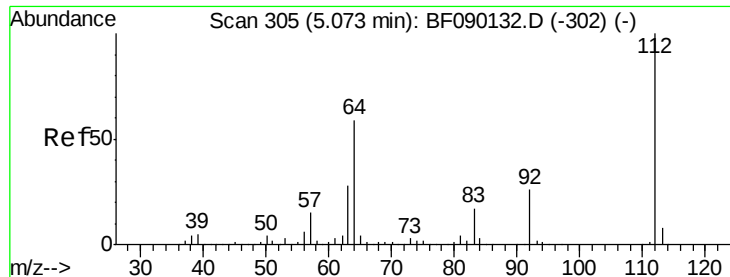


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 101.04 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

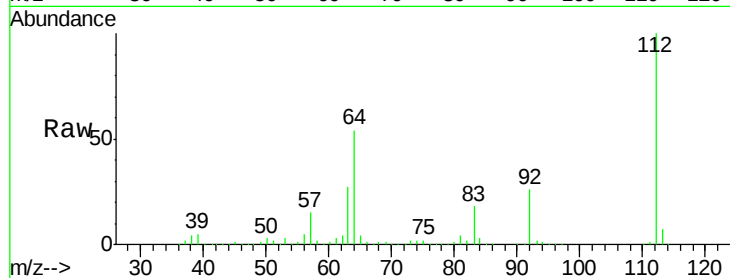
Tgt Ion: 112 Resp: 1010334

Ion Ratio Lower Upper

112 100

64 54.3 39.8 59.6

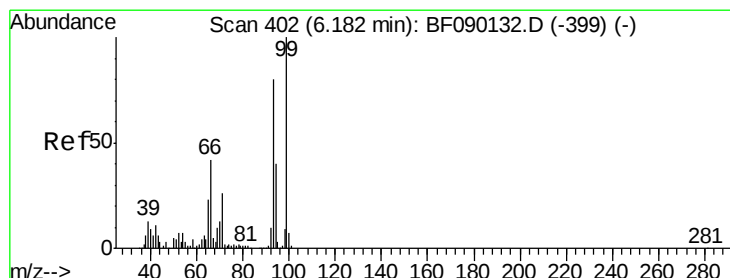
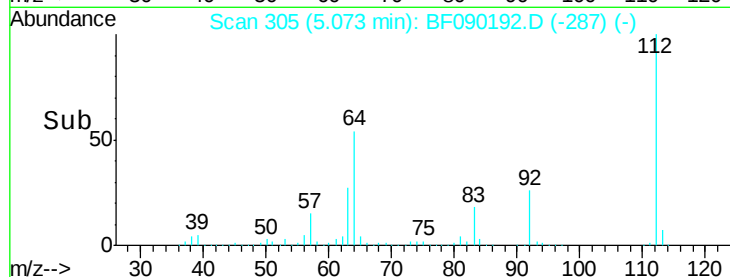
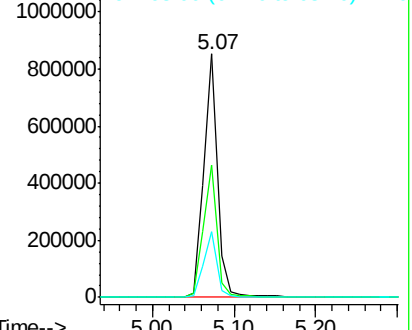
63 26.9 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.60 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

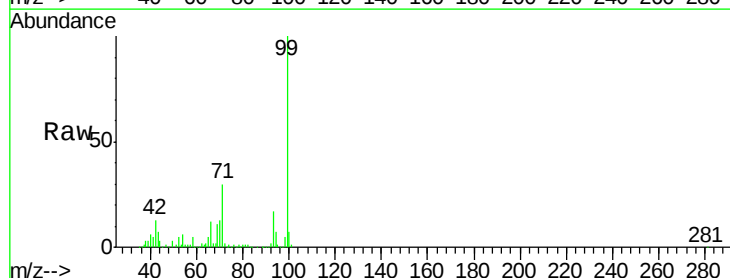
Tgt Ion: 93 Resp: 209351

Ion Ratio Lower Upper

93 100

66 71.0 54.2 81.2

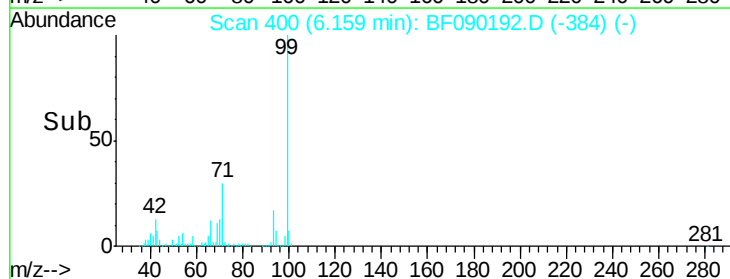
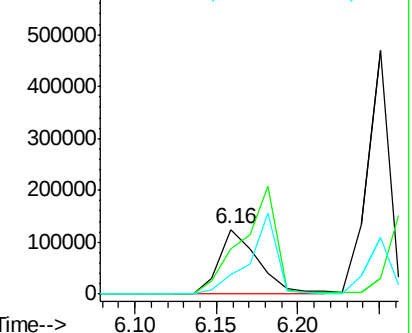
65 30.9 33.8 50.6#

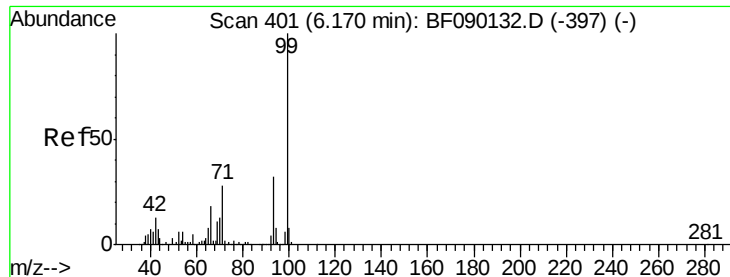


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.12 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

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ClientSampleId :

BH-8-1.5-2.5FTMSD

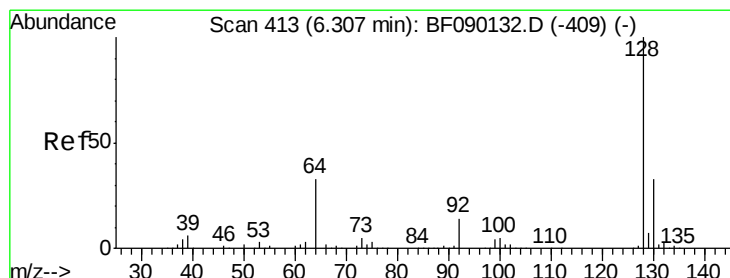
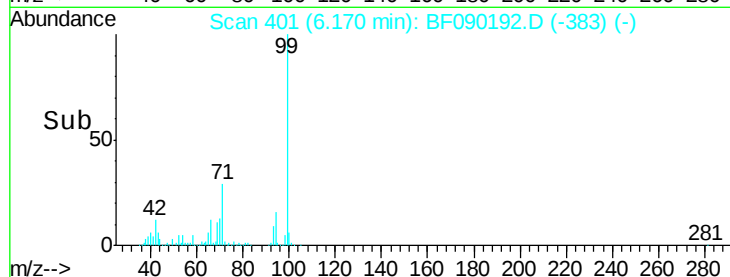
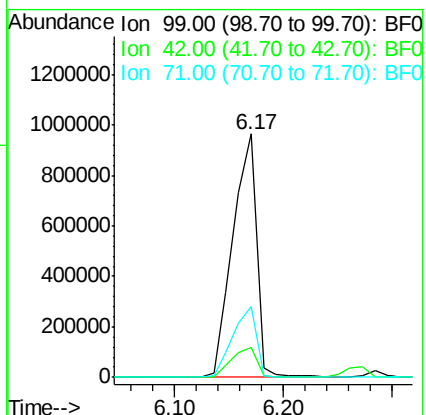
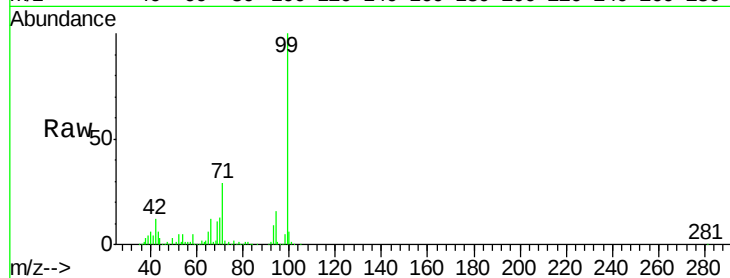
Tgt Ion: 99 Resp: 1458586

Ion Ratio Lower Upper

99 100

42 12.5 10.6 15.8

71 29.0 23.0 34.6



#8

2-Chlorophenol

Concen: 37.15 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

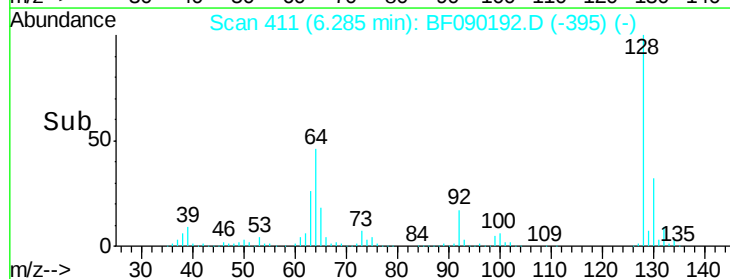
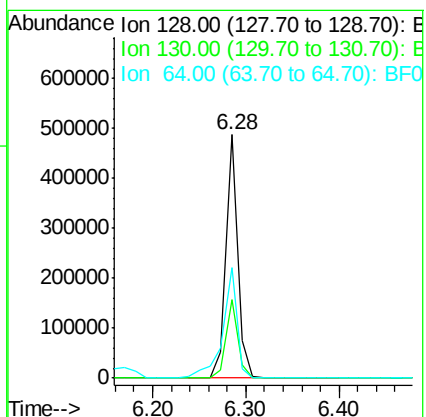
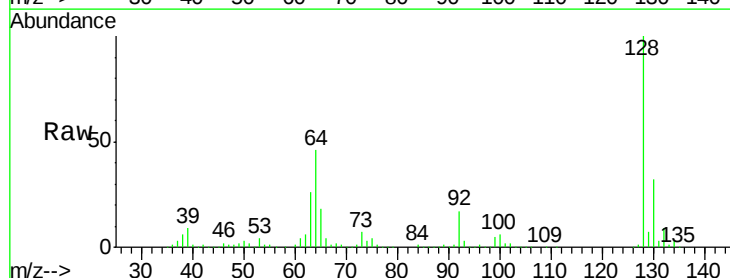
Tgt Ion: 128 Resp: 427381

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 45.6 33.6 73.6





#9

Benzaldehyde

Concen: 8.79 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

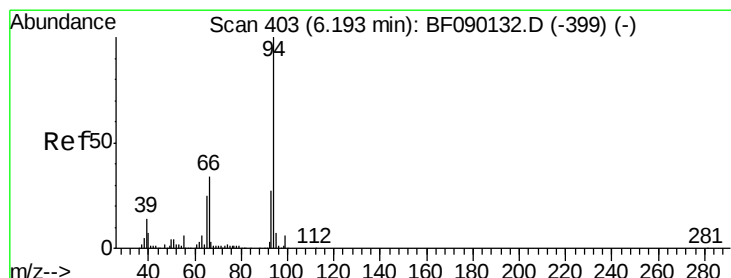
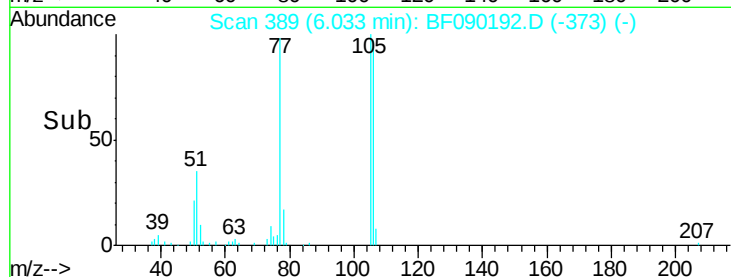
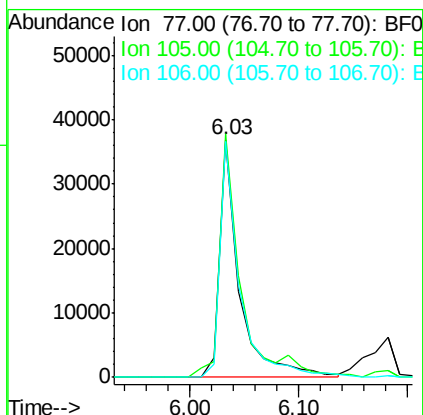
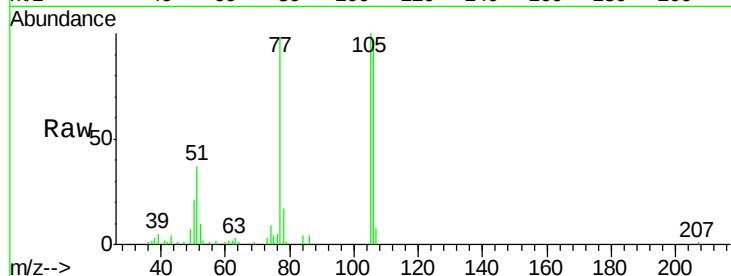
Tgt Ion: 77 Resp: 47301

Ion Ratio Lower Upper

77 100

105 102.4 83.0 123.0

106 99.1 78.5 118.5



#10

Phenol

Concen: 43.12 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

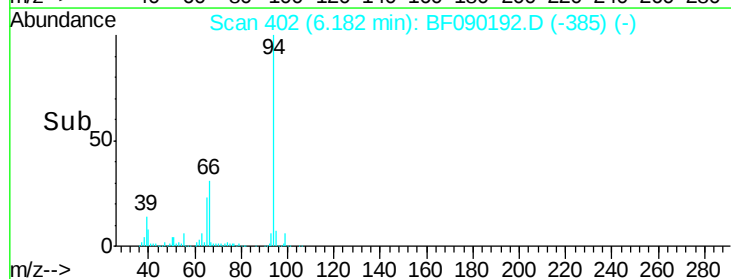
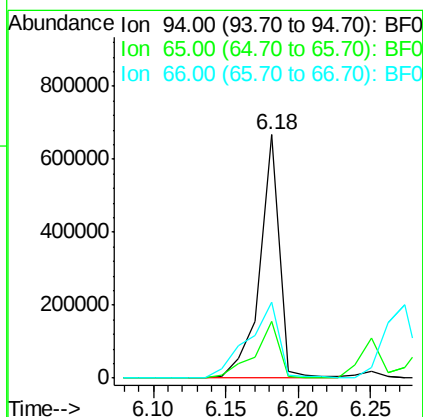
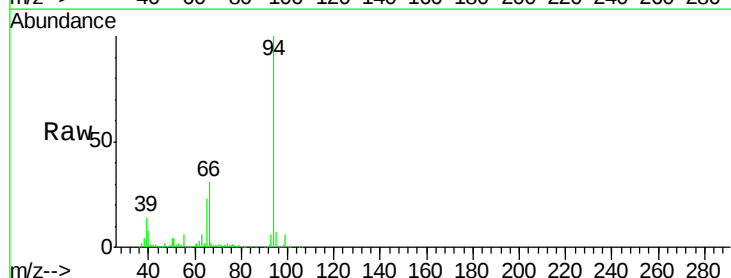
Tgt Ion: 94 Resp: 629411

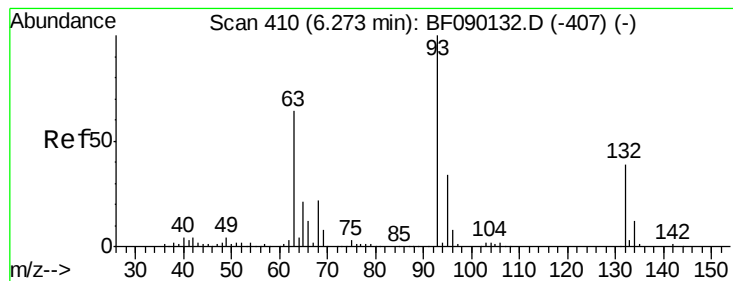
Ion Ratio Lower Upper

94 100

65 23.5 20.6 60.6

66 31.2 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 40.26 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

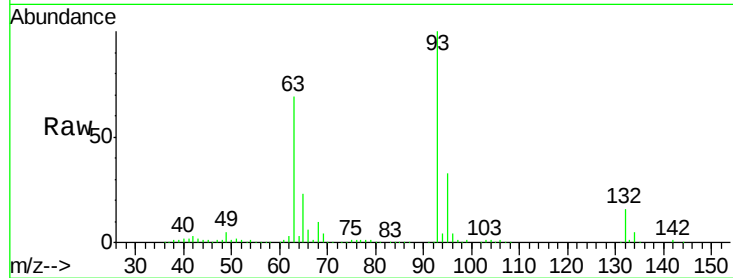
Tgt Ion: 93 Resp: 458315

Ion Ratio Lower Upper

93 100

63 69.0 55.6 95.6

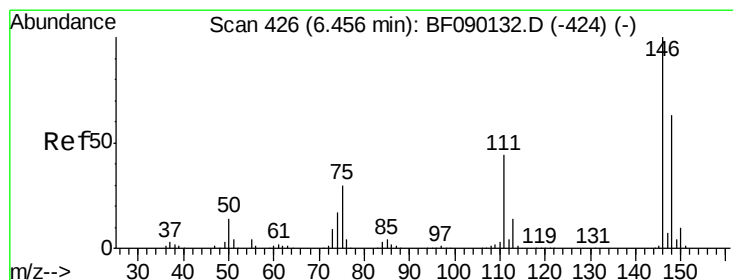
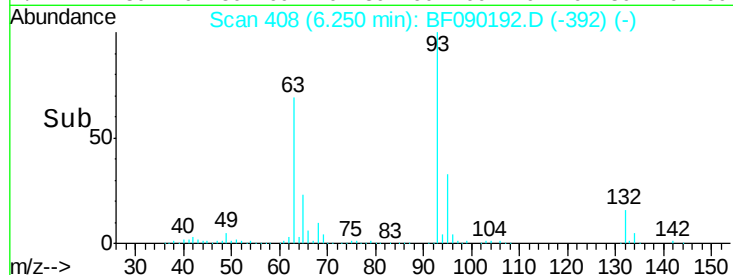
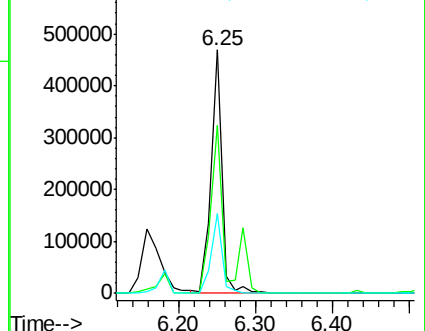
95 33.0 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.17 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

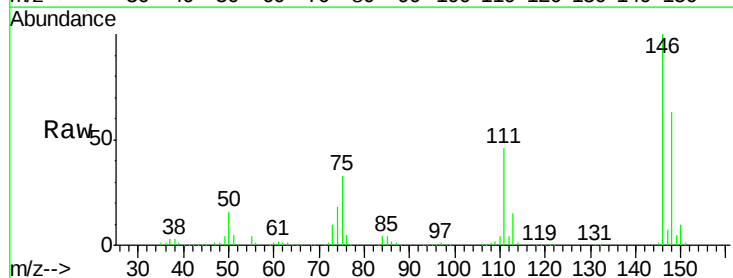
Tgt Ion: 146 Resp: 446807

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

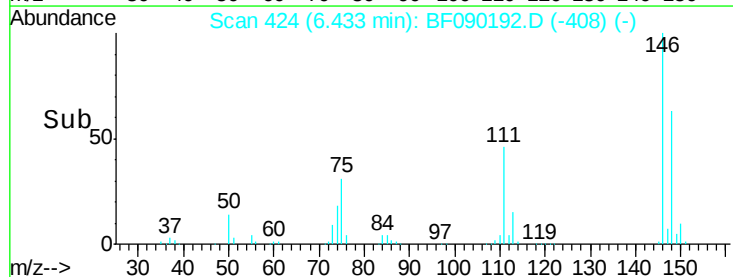
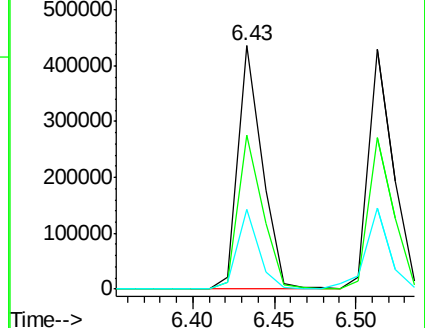
75 32.6 22.8 34.2

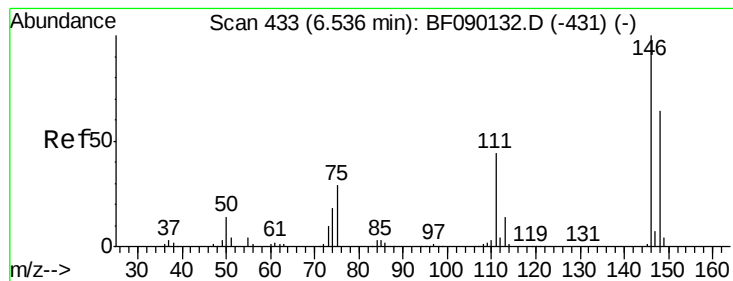


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.37 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

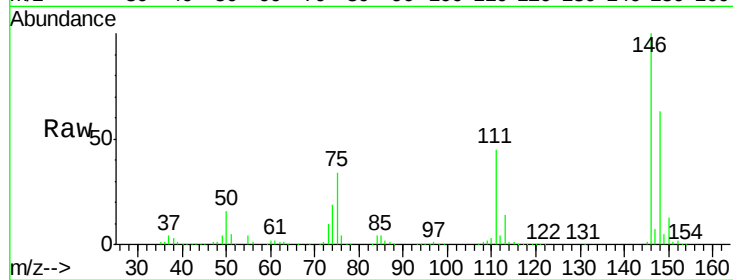
Tgt Ion:146 Resp: 458657

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

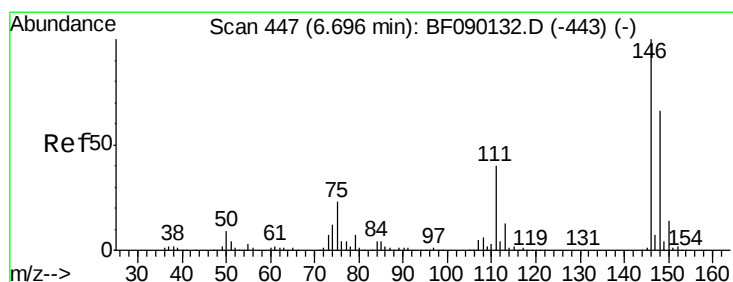
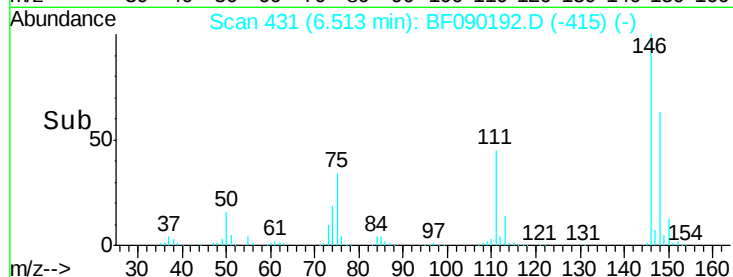
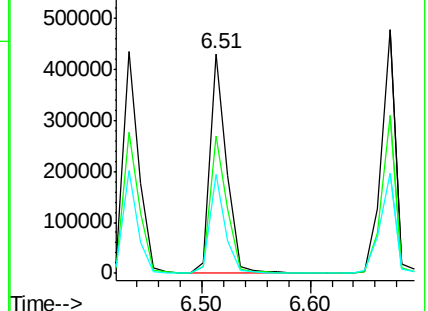
111 45.0 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.89 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

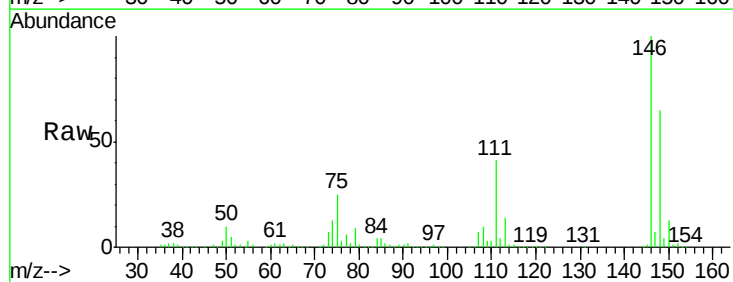
Tgt Ion:146 Resp: 436112

Ion Ratio Lower Upper

146 100

148 64.9 52.6 79.0

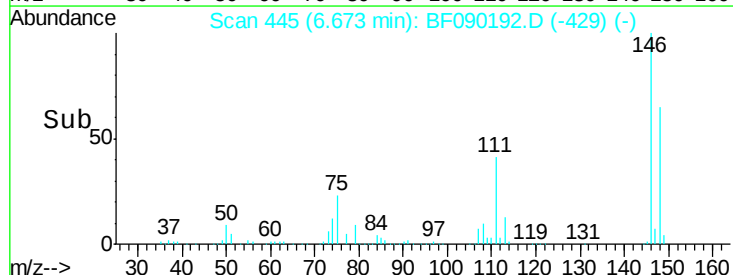
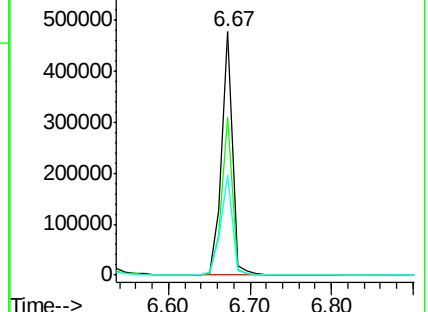
111 41.3 28.2 42.2

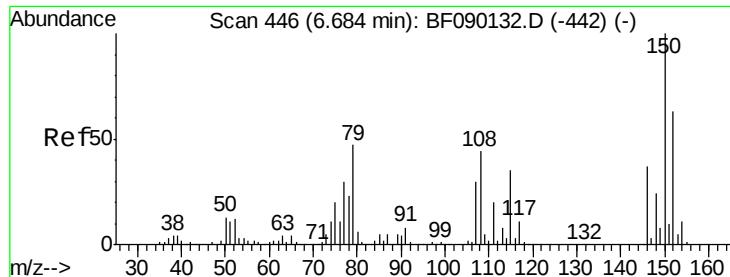


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

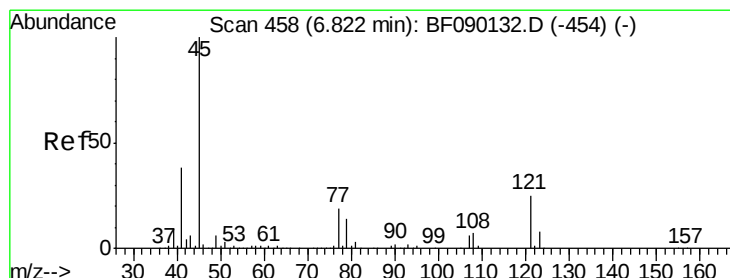
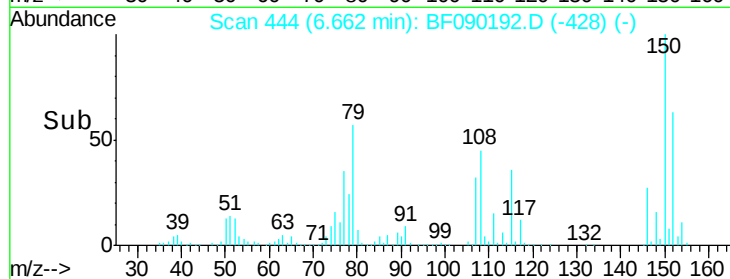
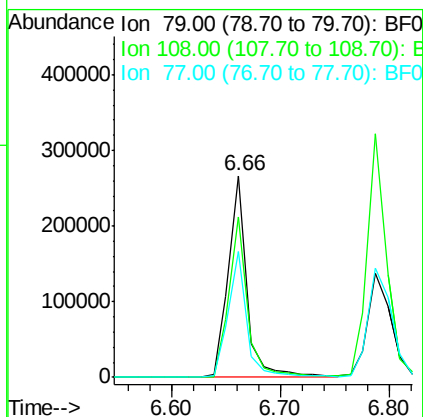
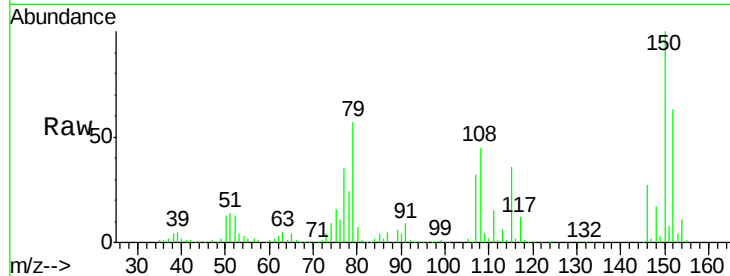




#15
Benzyl Alcohol
Concen: 43.44 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

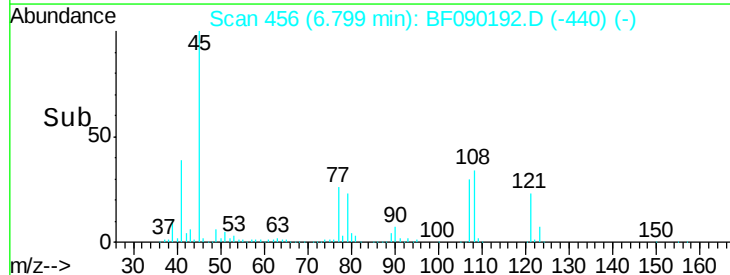
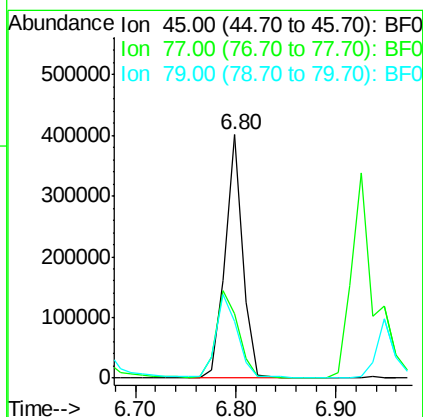
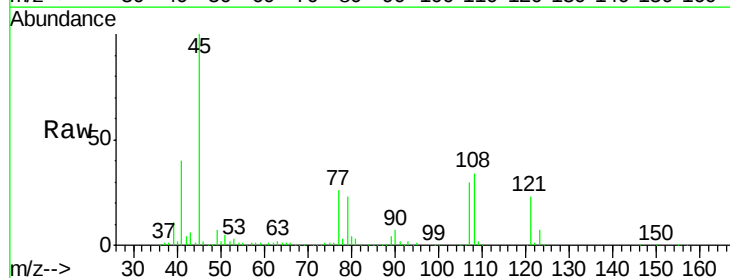
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

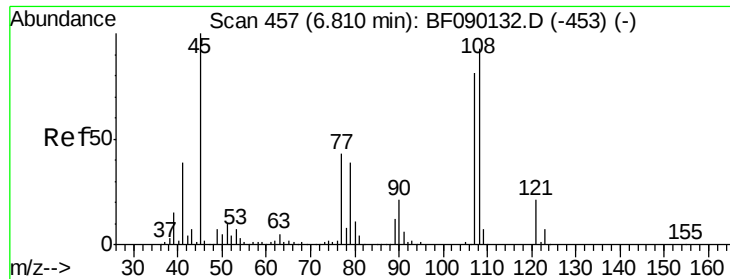
Tgt Ion: 79 Resp: 319916
Ion Ratio Lower Upper
79 100
108 79.6 62.2 93.4
77 62.3 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.74 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion: 45 Resp: 486208
Ion Ratio Lower Upper
45 100
77 26.4 0.5 40.5
79 23.2 0.0 37.0

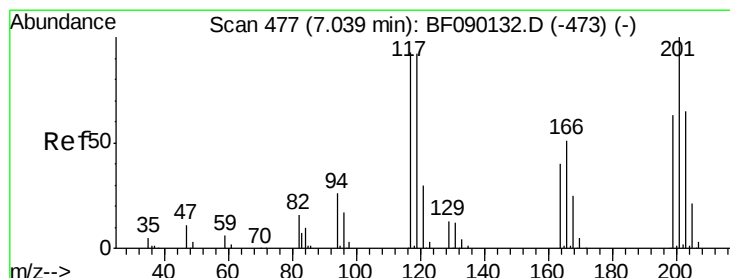
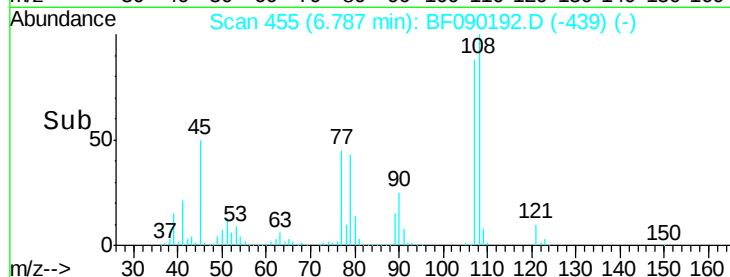
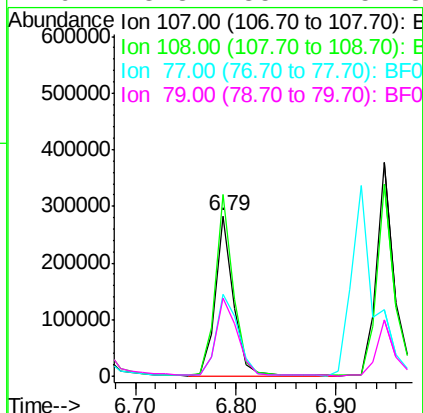
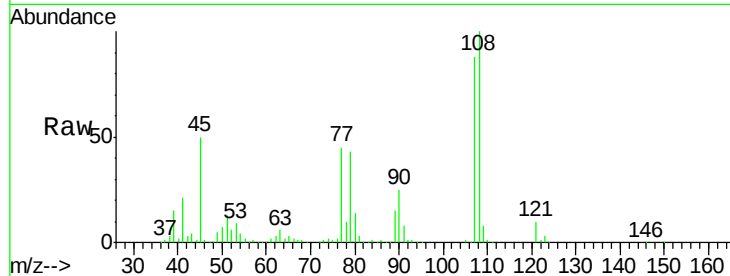




#17
2-Methylphenol
Concen: 38.86 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

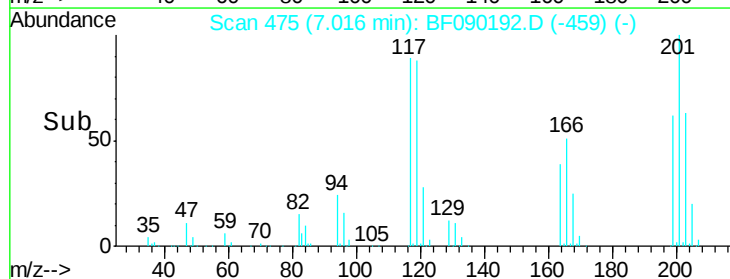
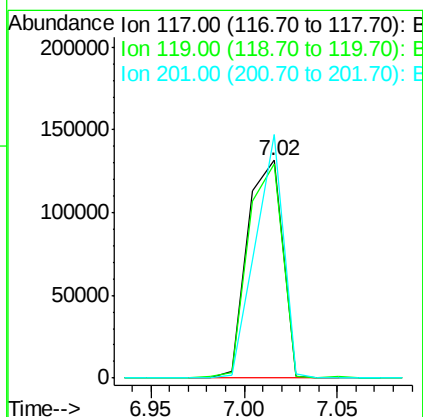
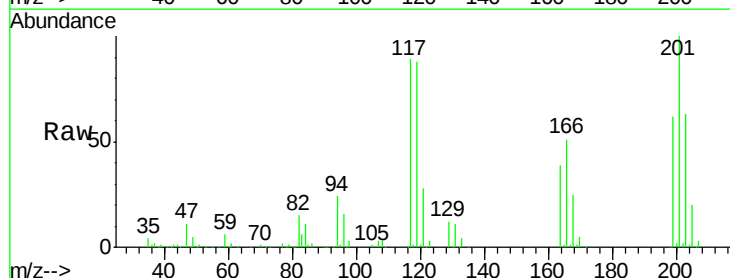
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

Tgt Ion:	107	Resp:	352151
Ion	Ratio	Lower	Upper
107	100		
108	113.6	92.0	138.0
77	50.7	35.6	53.4
79	48.3	35.2	52.8



#18
Hexachloroethane
Concen: 39.24 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion:	117	Resp:	171740
Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.6	115.0
201	111.8	55.5	83.3#

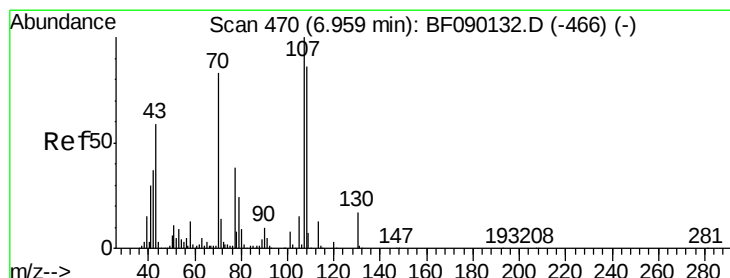
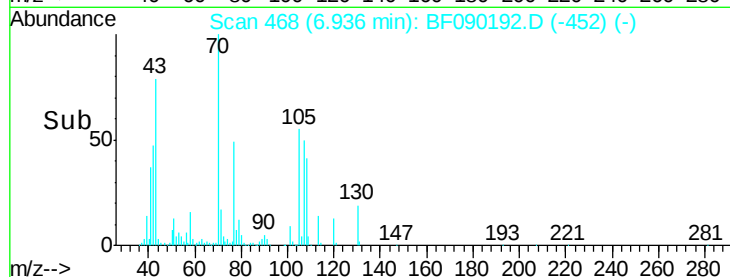
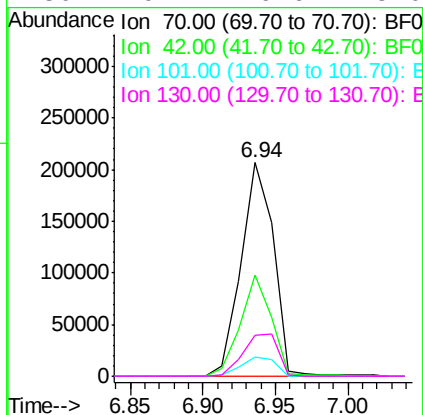
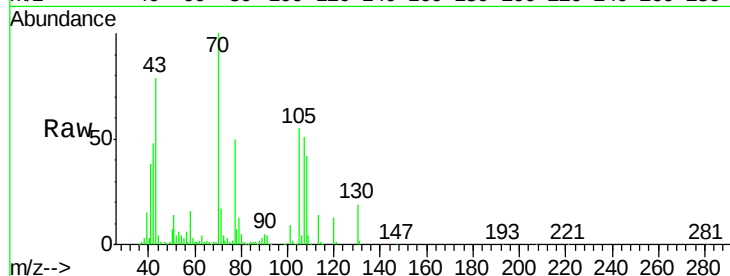




#19
n-Nitroso-di-n-propylamine
Concen: 43.96 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

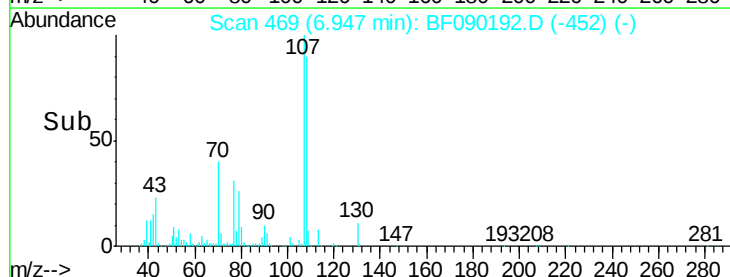
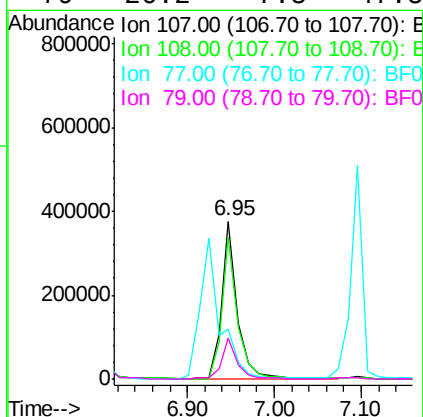
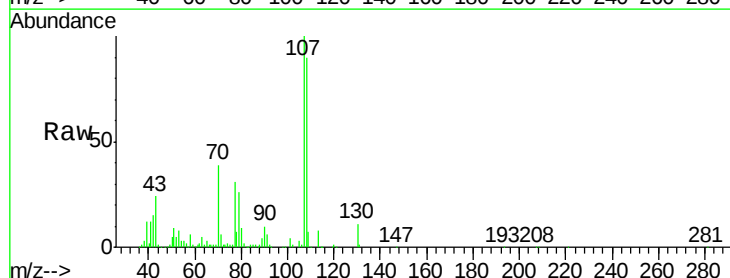
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

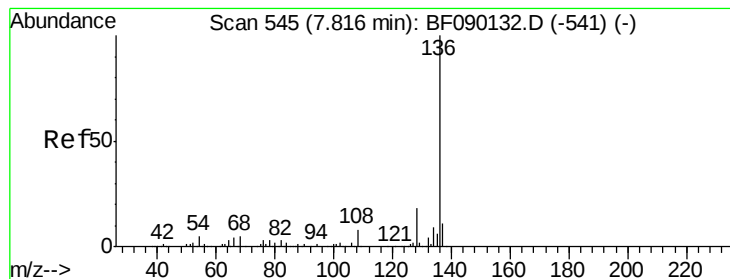
Tgt Ion:	70	Resp:	318891
Ion	Ratio	Lower	Upper
70	100		
42	47.6	35.1	52.7
101	9.2	7.5	11.3
130	19.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.29 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion:	107	Resp:	471035
Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.3	113.3
77	31.5	14.1	54.1
79	26.2	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

Tgt Ion:136 Resp: 653764

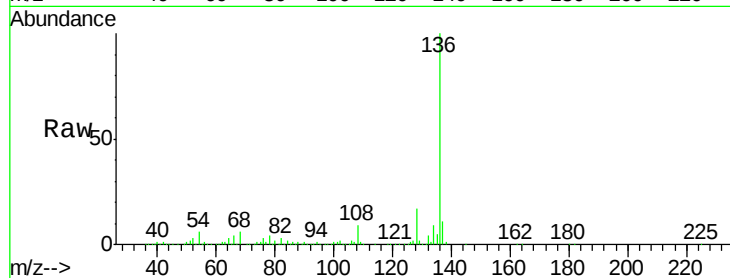
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.8 6.4 9.6#

68 5.6 6.3 9.5#

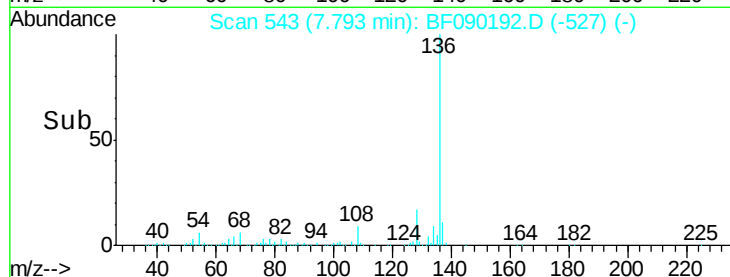


Abundance Ion 136.00 (135.70 to 136.70): E

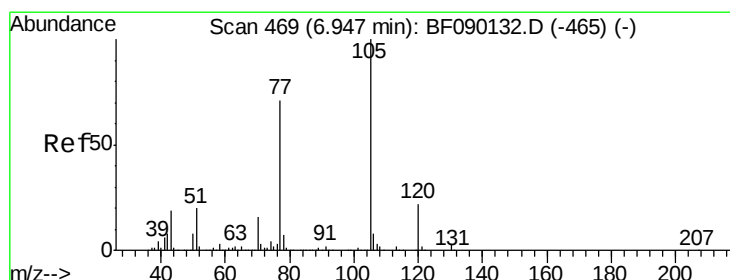
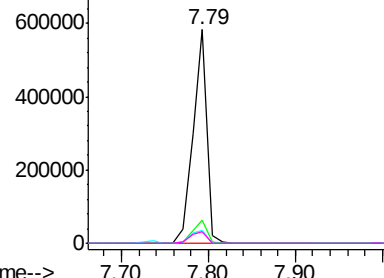
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 35.90 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Tgt Ion:105 Resp: 565916

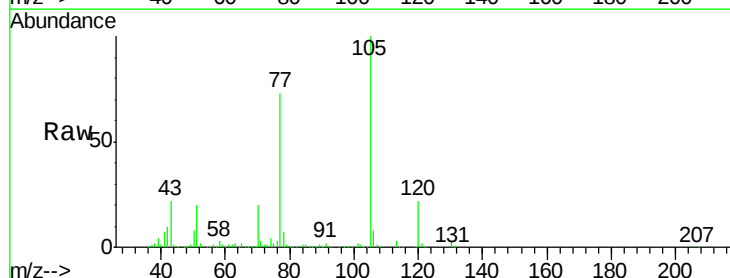
Ion Ratio Lower Upper

105 100

71 3.4 4.1 6.1#

51 20.4 16.2 24.2

120 22.1 18.2 27.2

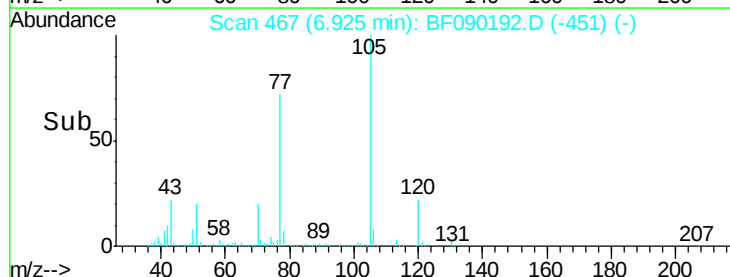


Abundance Ion 105.00 (104.70 to 105.70): E

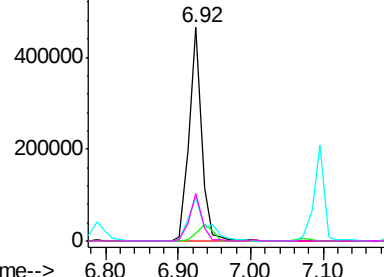
Ion 71.00 (70.70 to 71.70): BF0

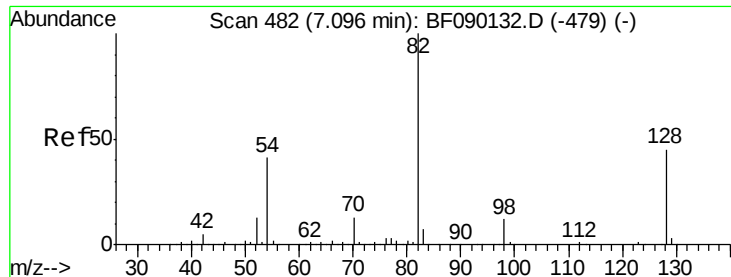
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

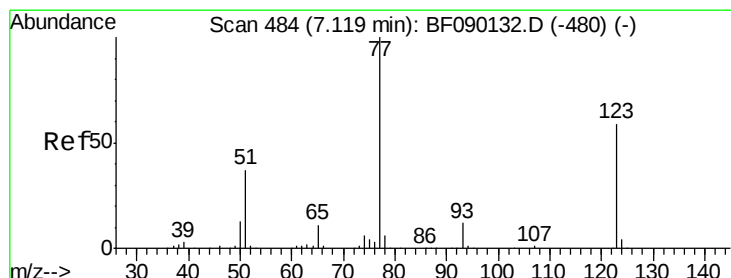
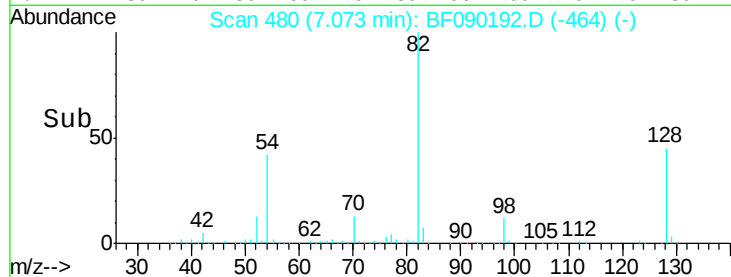
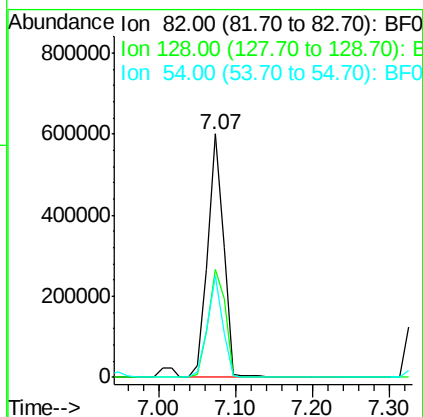
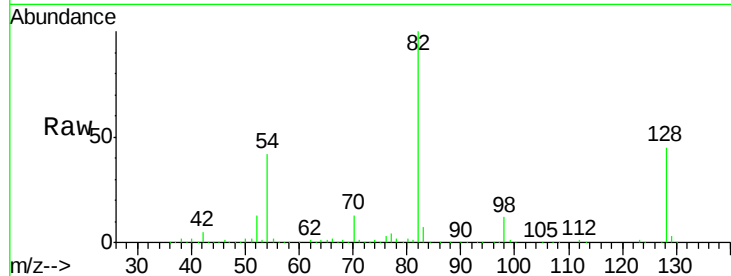




#23
 Nitrobenzene-d5
 Concen: 76.08 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

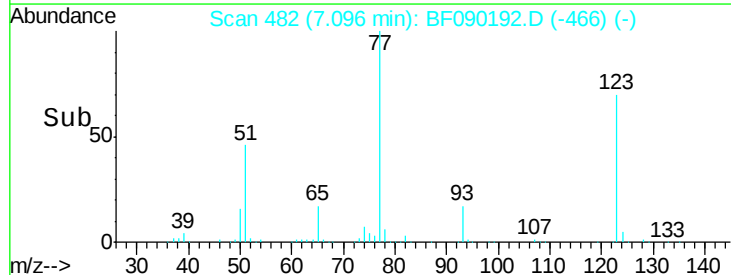
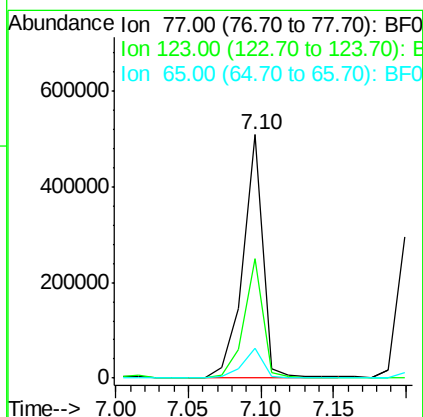
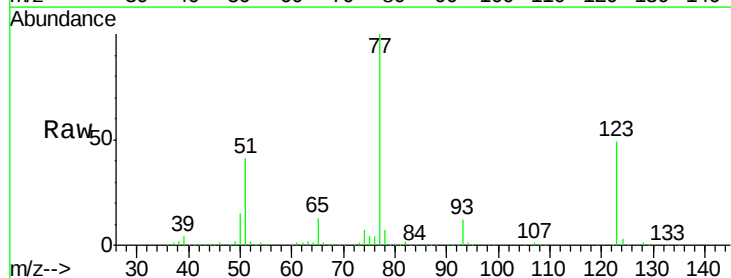
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

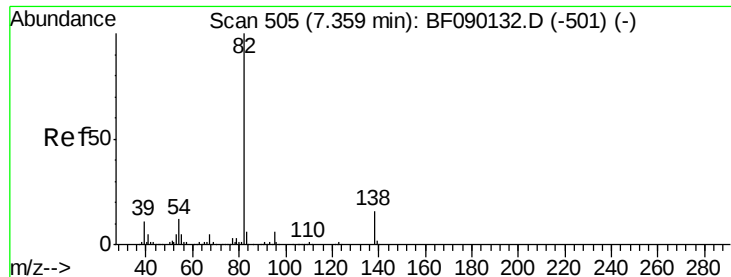
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	37.5	56.3
54	41.8	31.9	47.9



#24
 Nitrobenzene
 Concen: 40.87 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	33.4	50.2
65	12.5	10.1	15.1





#25

Isophorone

Concen: 37.67 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

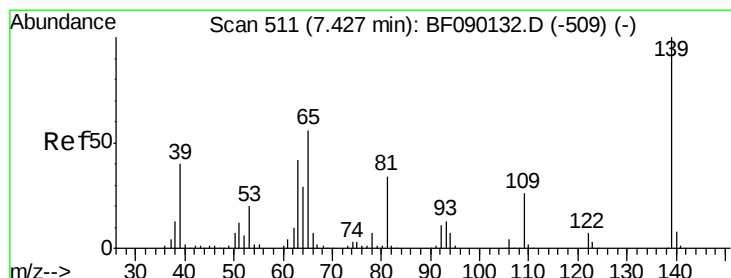
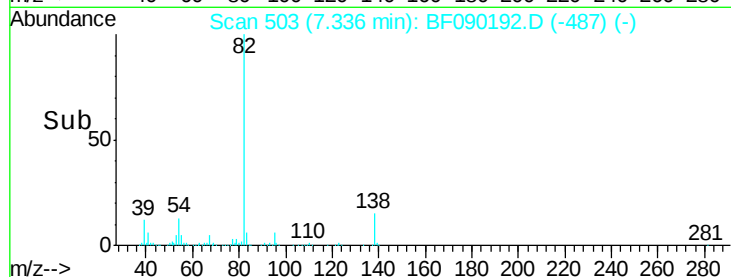
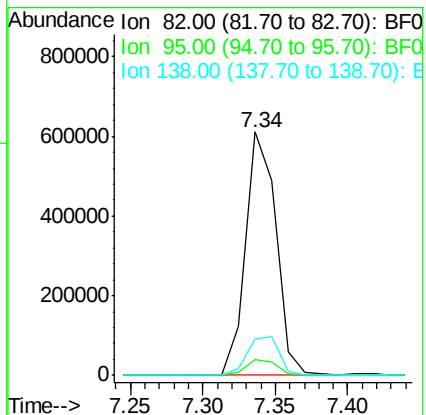
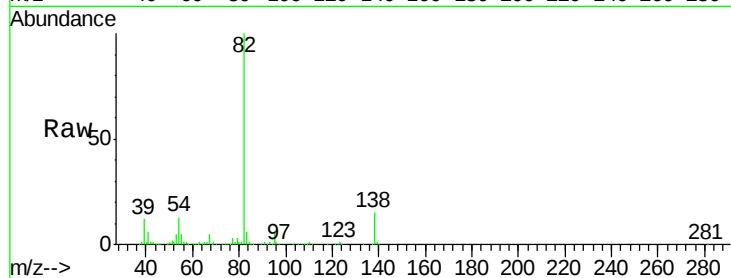
Tgt Ion: 82 Resp: 887503

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

138 15.0 13.5 20.3



#26

2-Nitrophenol

Concen: 42.06 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

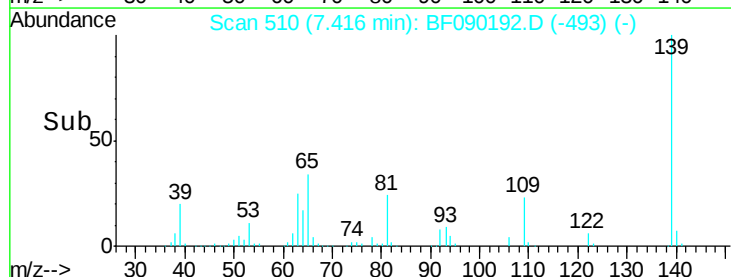
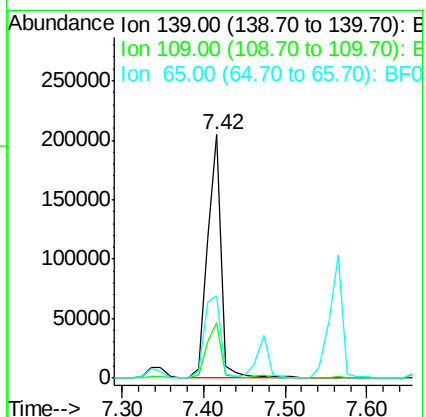
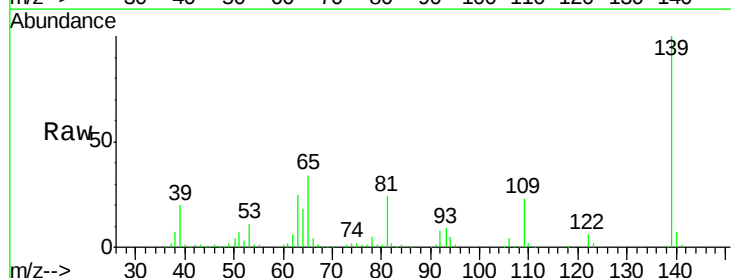
Tgt Ion: 139 Resp: 243369

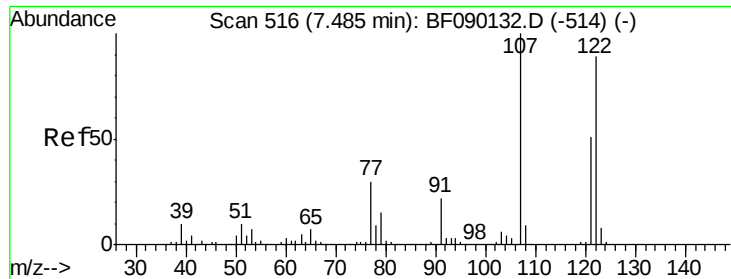
Ion Ratio Lower Upper

139 100

109 22.6 20.5 30.7

65 34.0 37.9 56.9#





#27

2,4-Dimethylphenol

Concen: 39.18 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

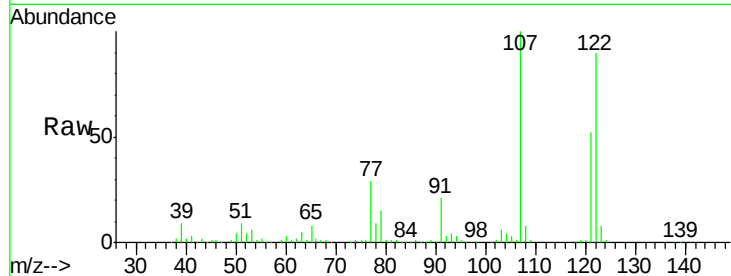
Tgt Ion:122 Resp: 402766

Ion Ratio Lower Upper

122 100

107 111.2 87.8 131.6

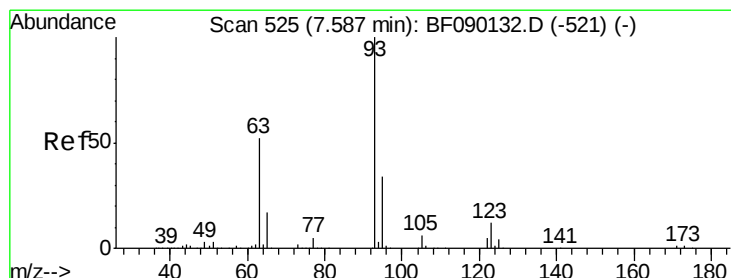
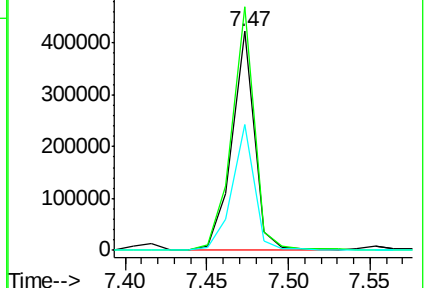
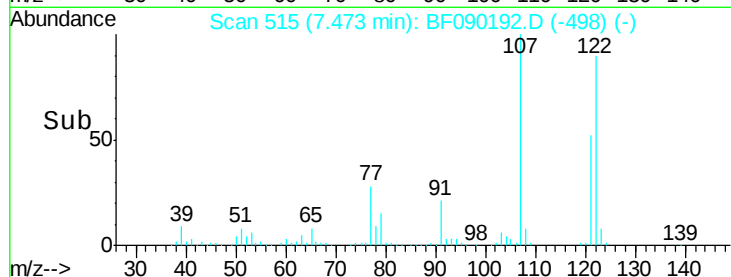
121 57.5 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.05 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

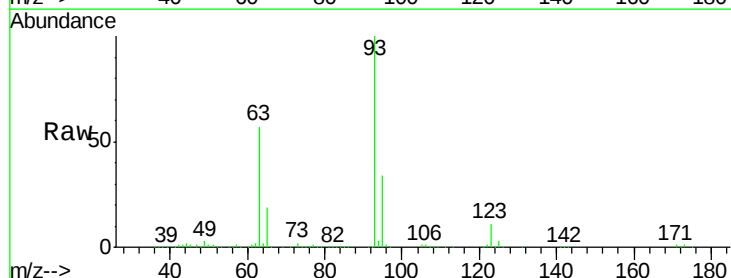
Tgt Ion: 93 Resp: 599345

Ion Ratio Lower Upper

93 100

95 33.9 26.8 40.2

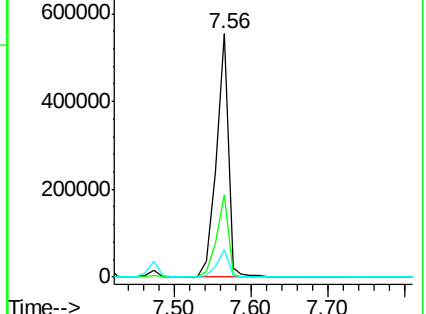
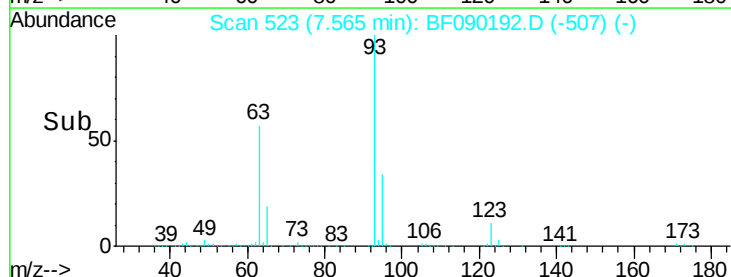
123 11.2 8.5 12.7

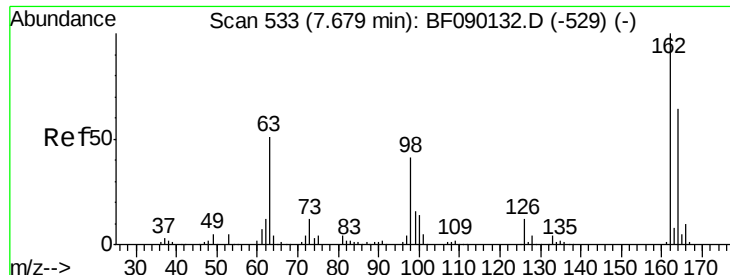


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

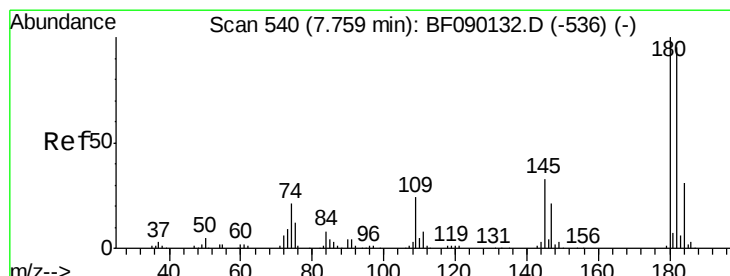
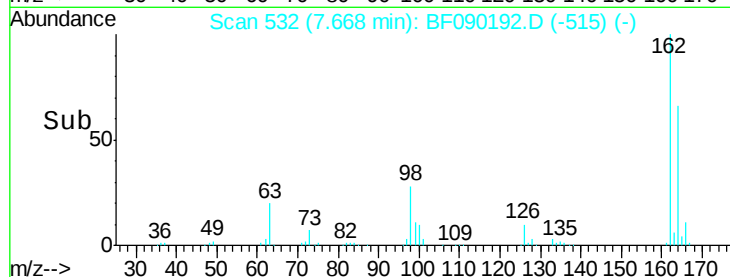
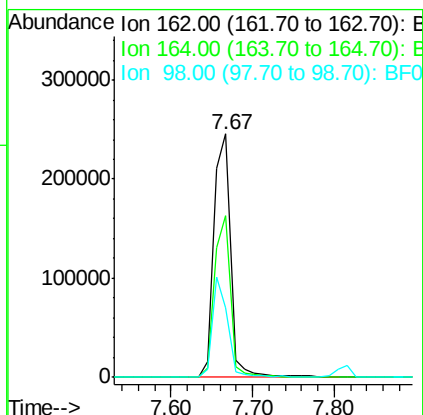
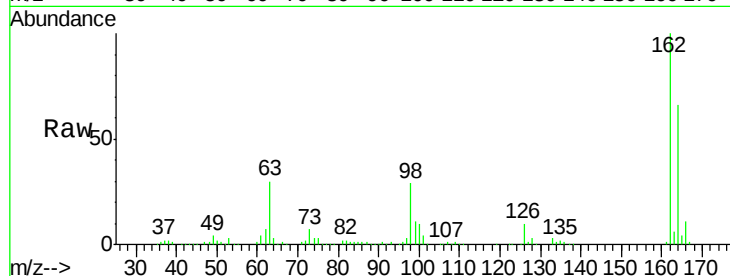




#29
 2,4-Dichlorophenol
 Concen: 39.10 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

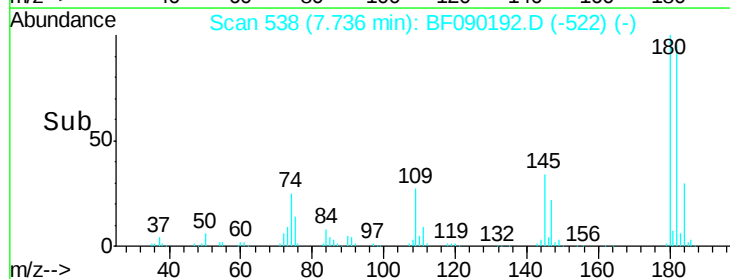
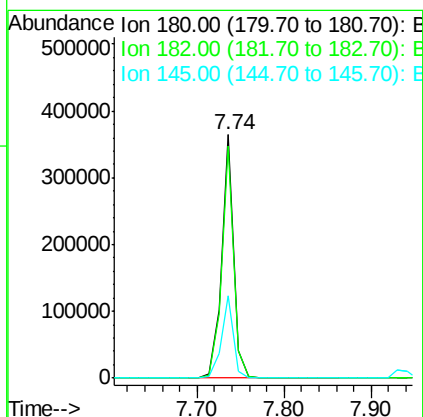
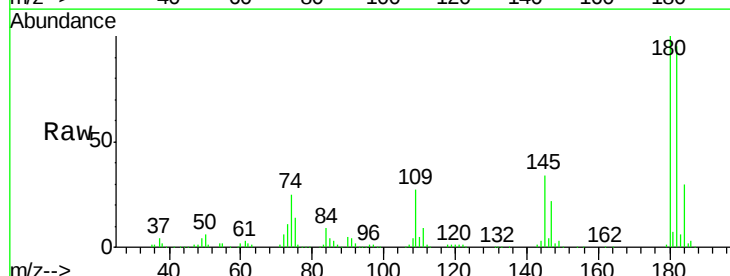
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

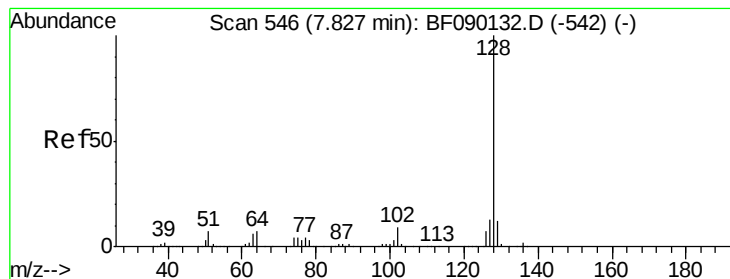
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.2	86.2
98	28.6	10.4	50.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.74 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.0	112.6
145	33.6	28.6	42.8





#31

Naphthalene

Concen: 42.05 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

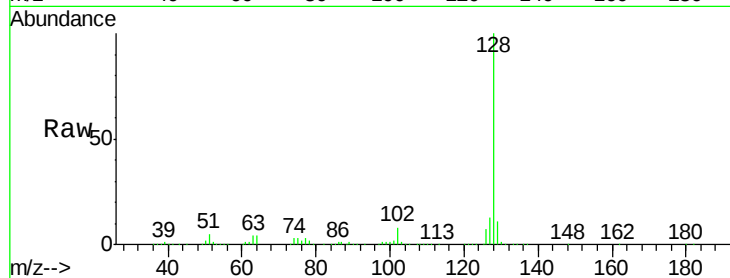
Tgt Ion:128 Resp: 1309130

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

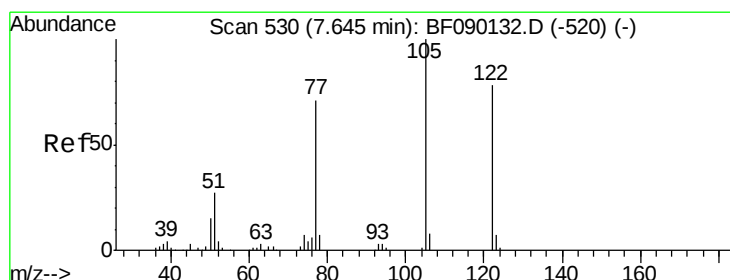
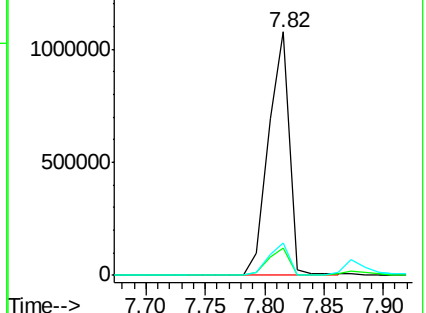
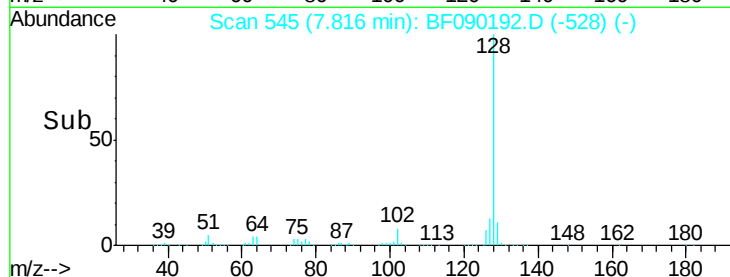
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.18 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.09 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

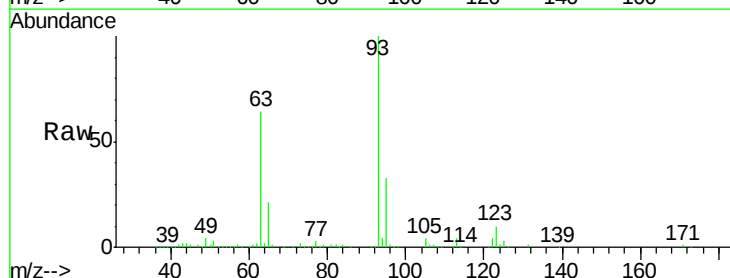
Tgt Ion:122 Resp: 15418

Ion Ratio Lower Upper

122 100

105 98.2 105.0 145.0#

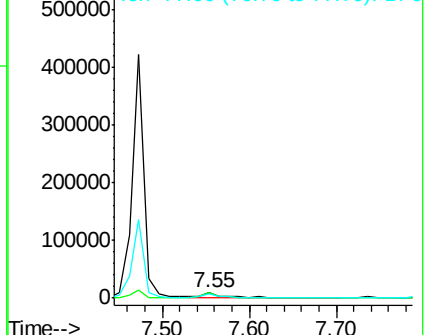
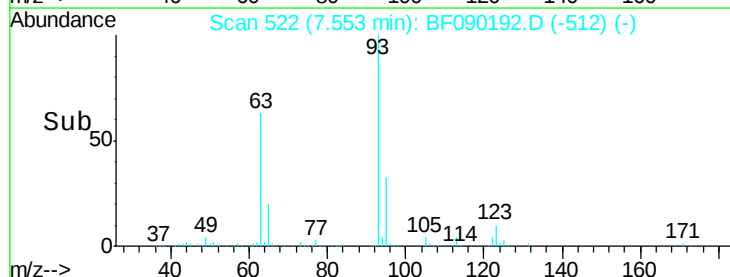
77 77.2 70.4 110.4

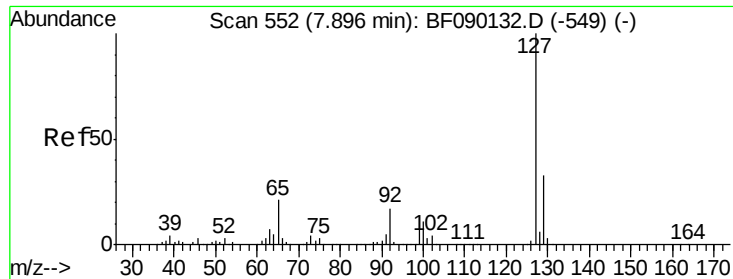


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

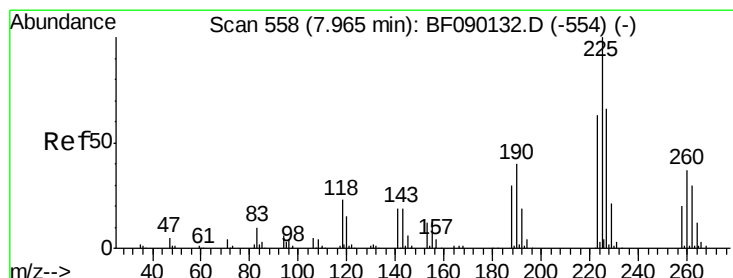
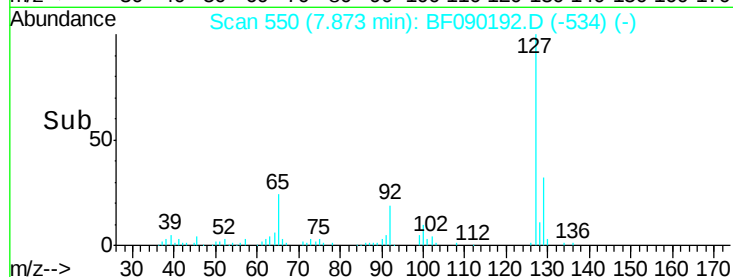
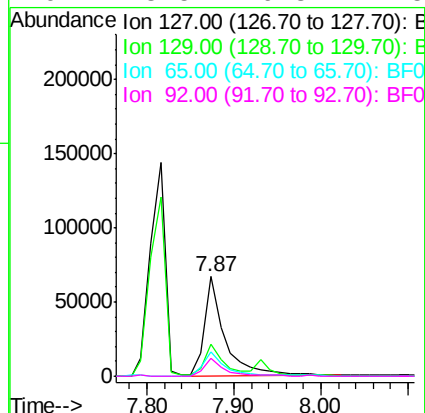
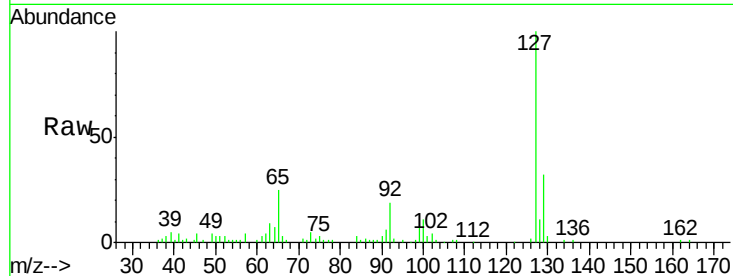




#33
4-Chloroaniline
Concen: 8.19 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

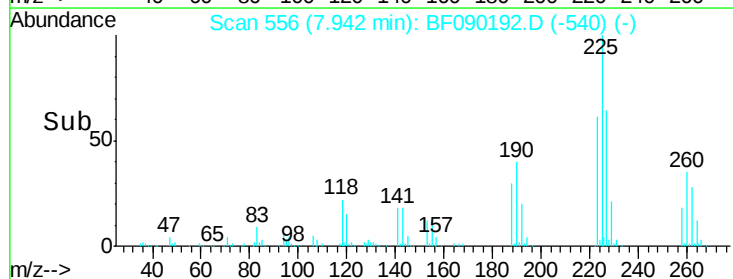
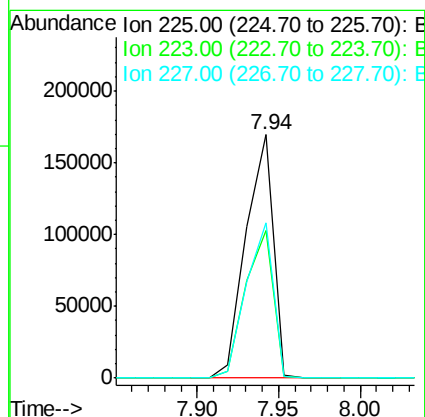
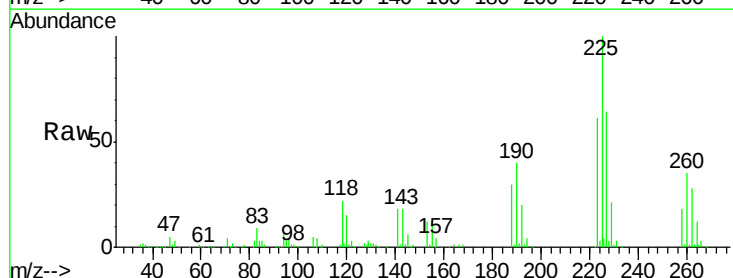
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

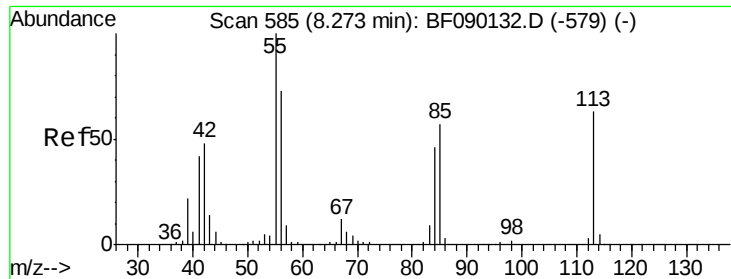
Tgt Ion:	127	Resp:	105754
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	24.9	24.1	36.1
92	18.5	16.3	24.5



#34
Hexachlorobutadiene
Concen: 41.33 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion:	225	Resp:	196383
Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.3	76.9
227	64.0	51.4	77.0

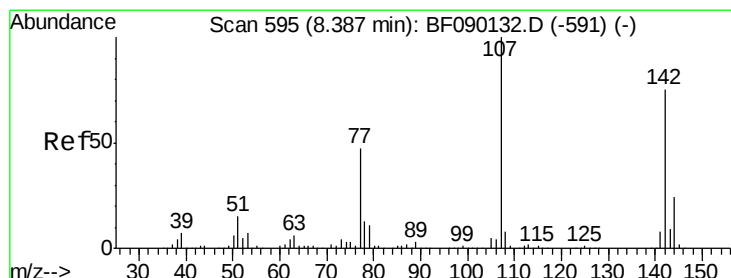
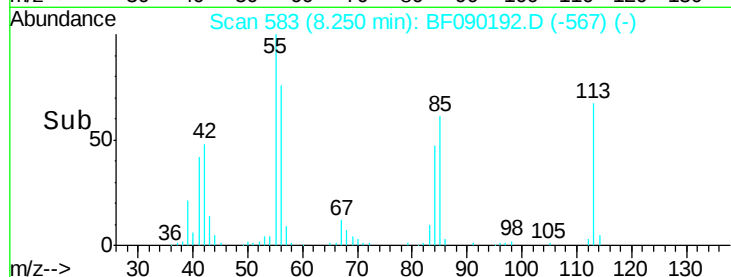
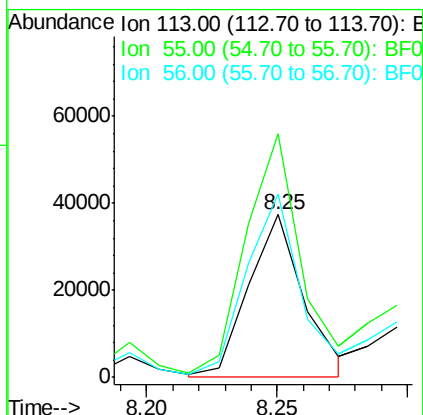
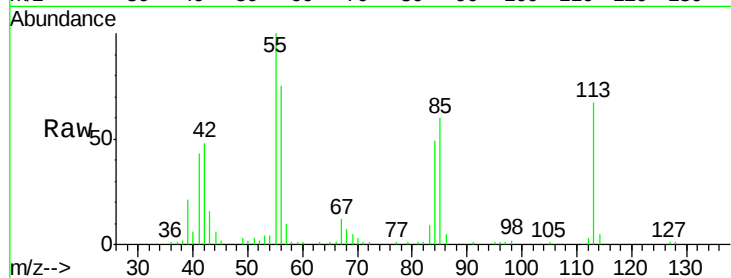




#35
 Caprolactam
 Concen: 18.41 ng
 RT: 8.25 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

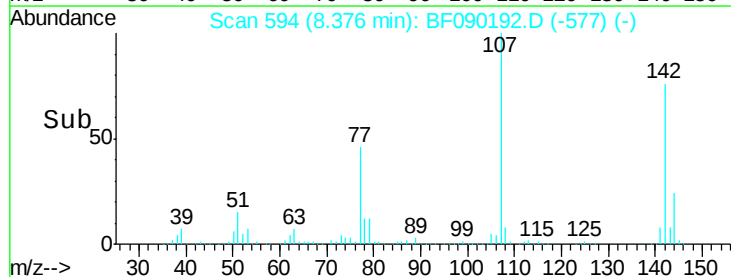
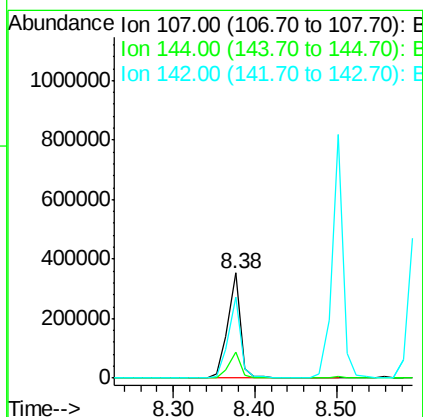
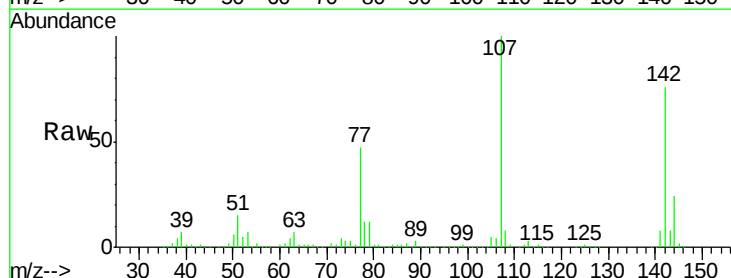
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

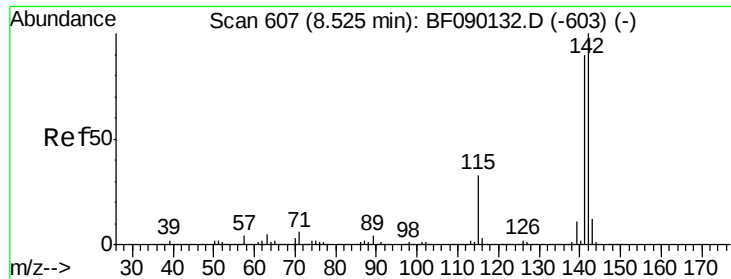
Tgt Ion:113 Resp: 54957
 Ion Ratio Lower Upper
 113 100
 55 149.4 134.5 174.5
 56 112.6 93.7 133.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.78 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion:107 Resp: 385078
 Ion Ratio Lower Upper
 107 100
 144 24.5 18.6 27.8
 142 76.5 57.0 85.6

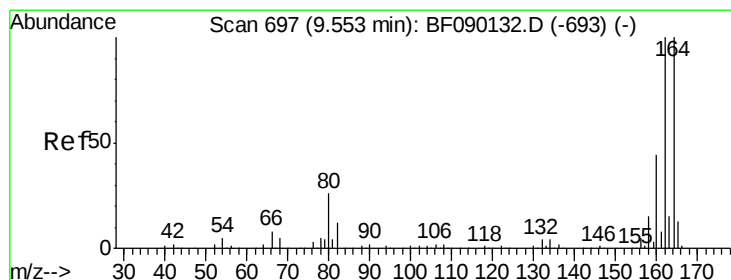
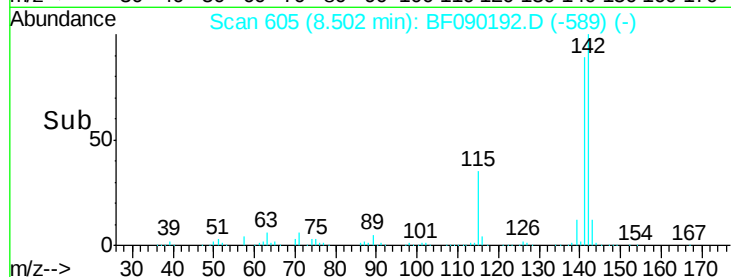
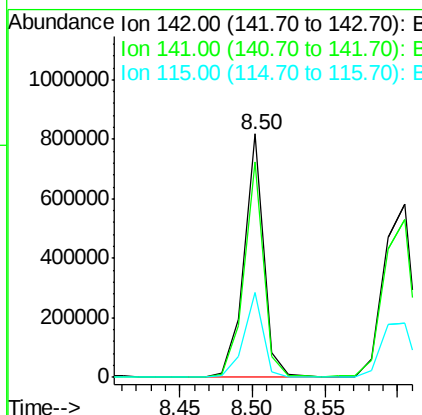
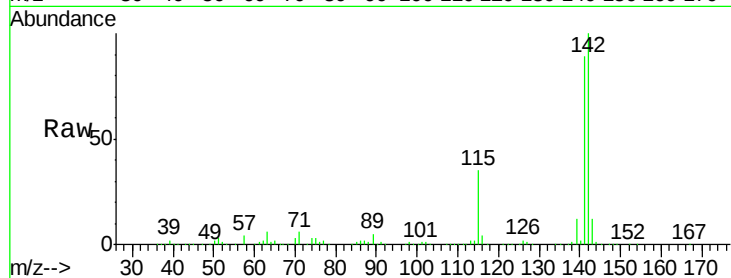




#37
 2-Methylnaphthalene
 Concen: 39.74 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

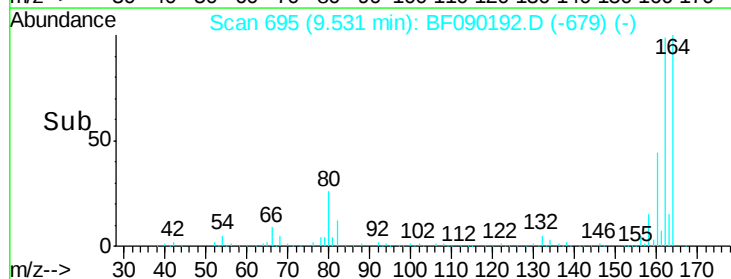
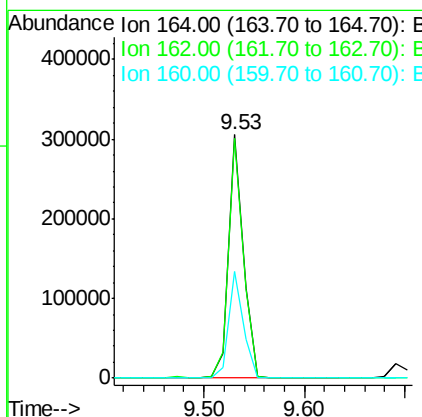
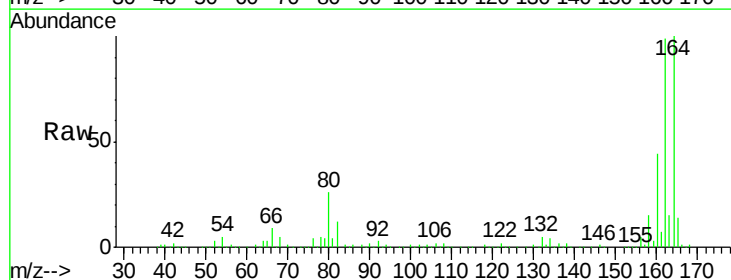
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

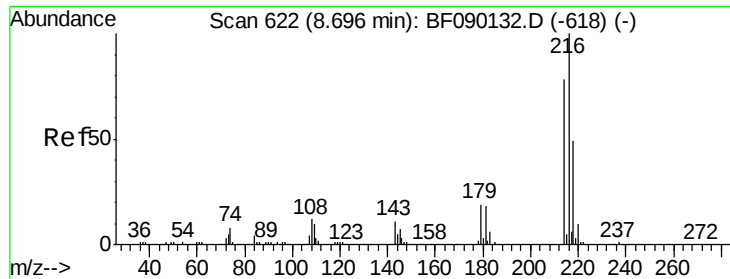
Tgt Ion:142 Resp: 769333
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.4 107.2
 115 34.6 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion:164 Resp: 313004
 Ion Ratio Lower Upper
 164 100
 162 98.7 81.4 122.2
 160 43.6 36.6 54.8

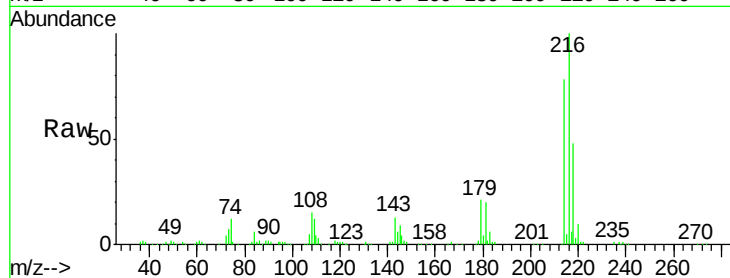




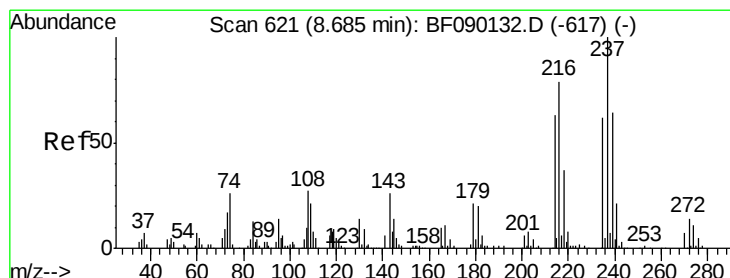
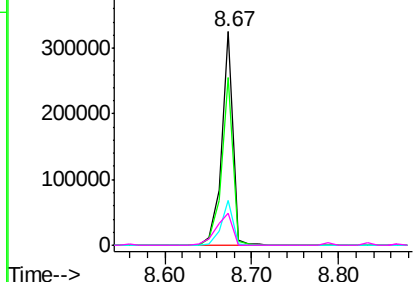
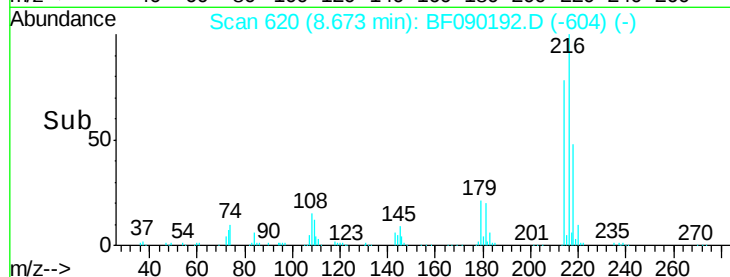
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.37 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion:	216	Resp:	297217
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.7	95.5
179	21.9	18.5	27.7
108	21.6	19.5	29.3

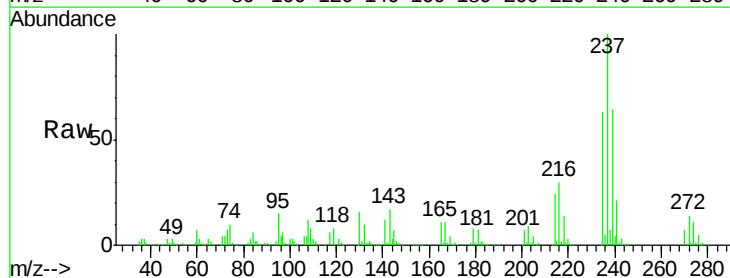


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

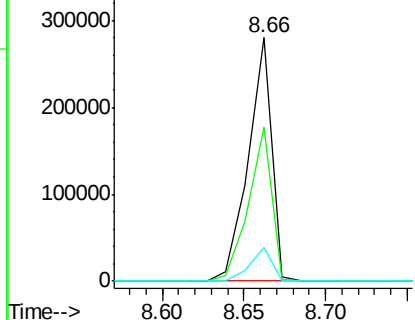
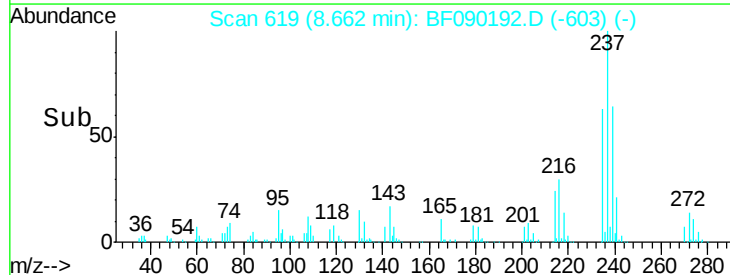


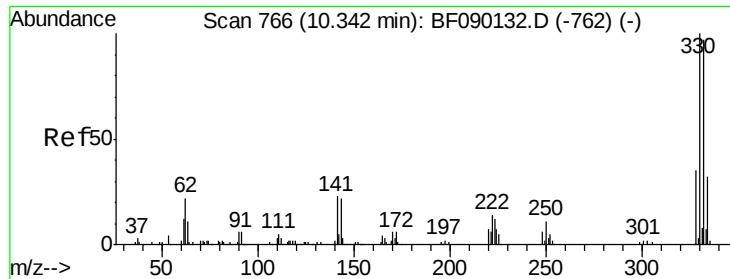
#40
 Hexachlorocyclopentadiene
 Concen: 78.31 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion:	237	Resp:	277618
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.5	82.5
272	13.9	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

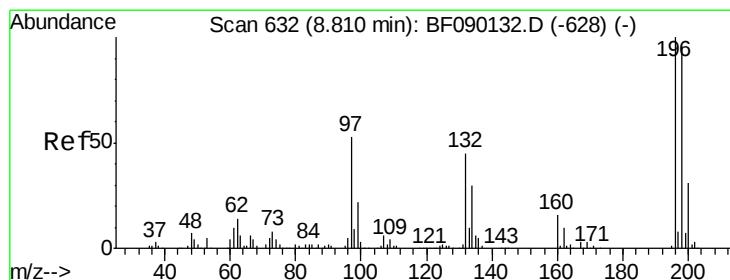
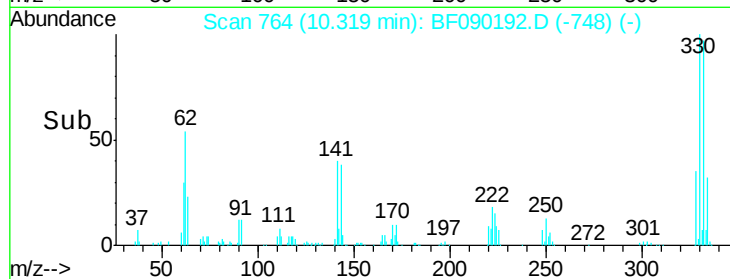
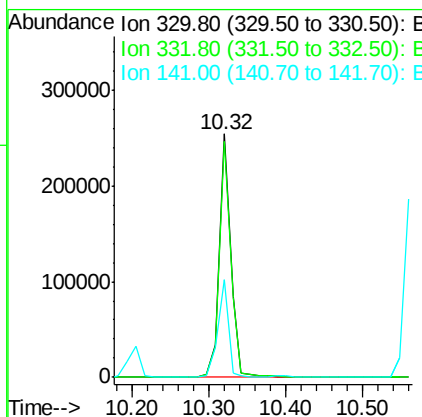
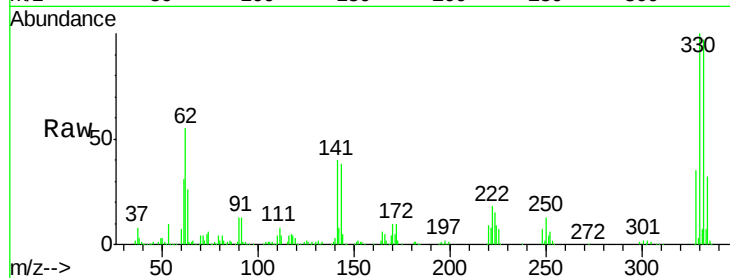




#41
 2,4,6-Tribromophenol
 Concen: 100.30 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

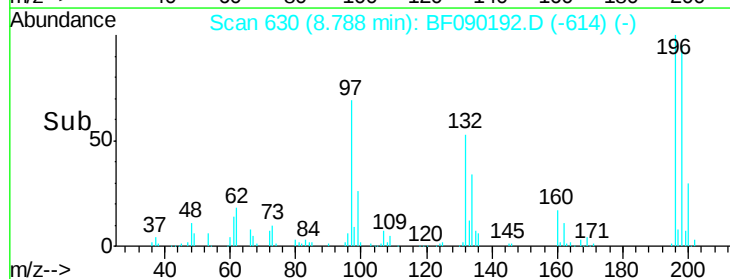
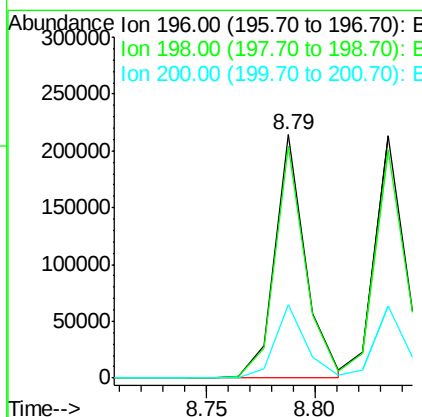
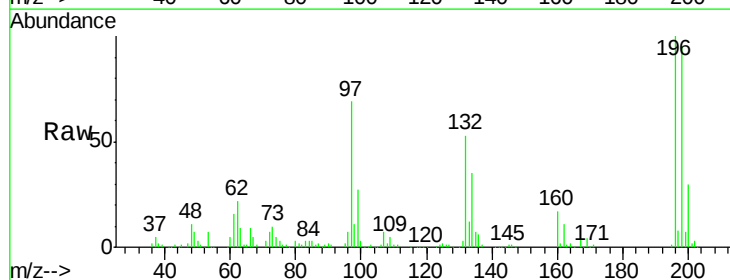
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.1	117.1
141	36.1	23.9	35.9#



#42
 2,4,6-Trichlorophenol
 Concen: 41.10 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.3	114.5
200	30.0	24.1	36.1

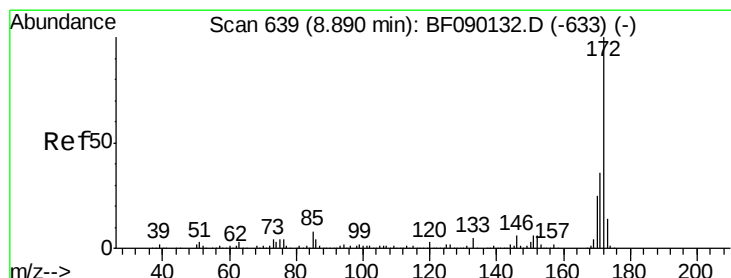
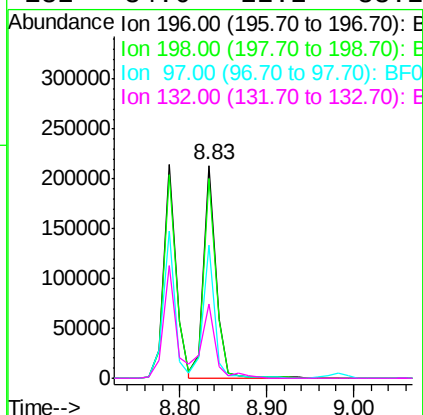
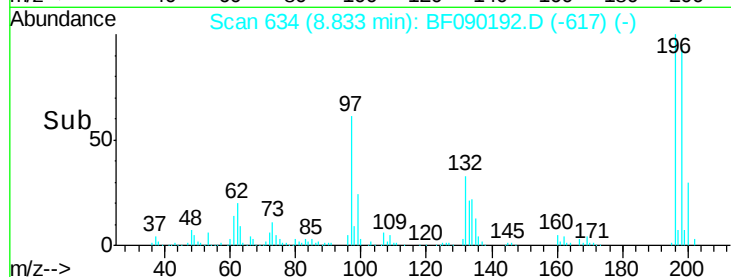
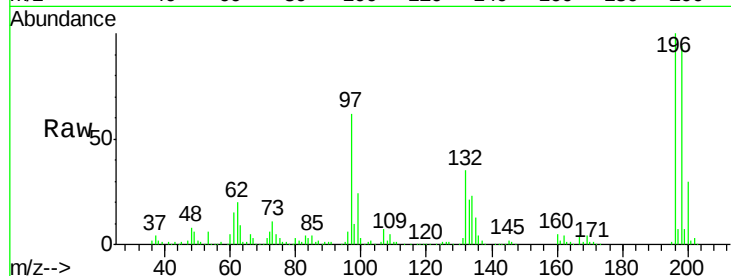




#43
 2,4,5-Trichlorophenol
 Concen: 39.99 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

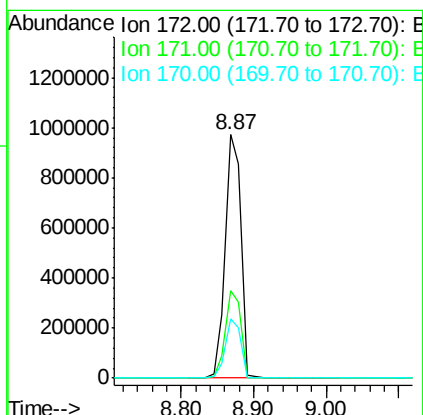
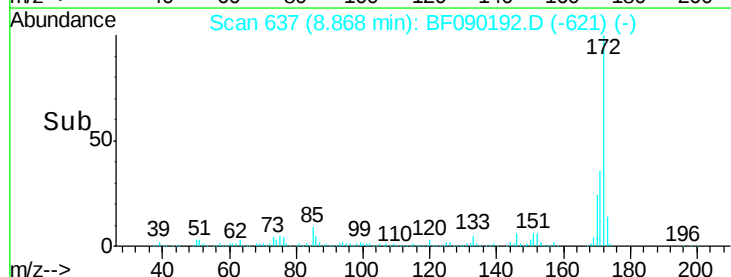
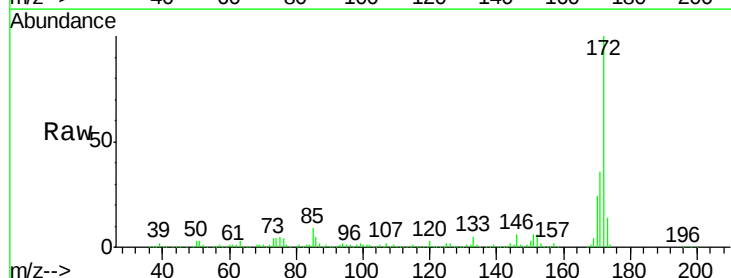
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

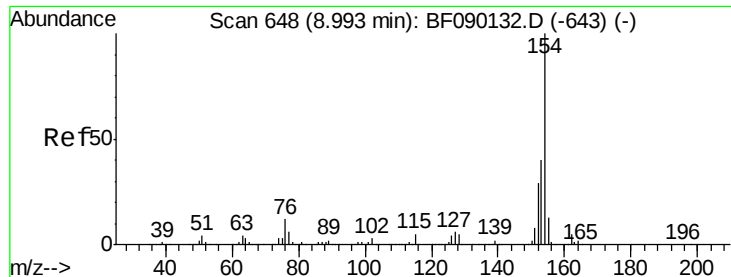
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	114.8
97	62.2	34.4	51.6
132	34.6	22.2	33.2



#44
 2-Fluorobiphenyl
 Concen: 91.36 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	24.4	19.8	29.8

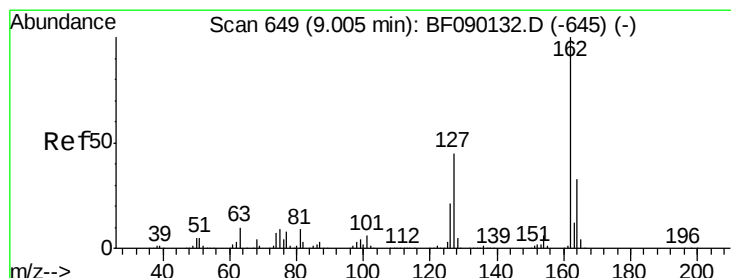
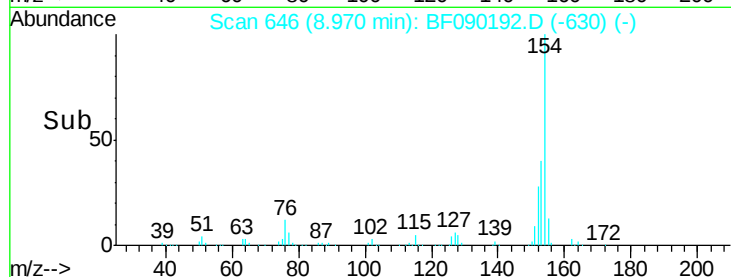
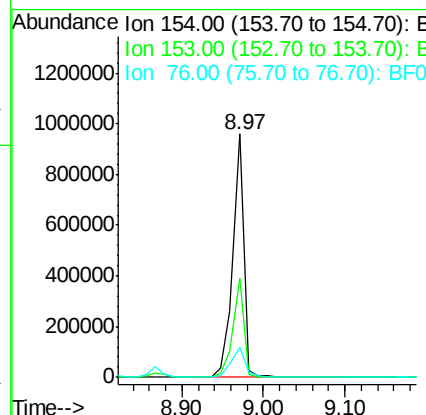
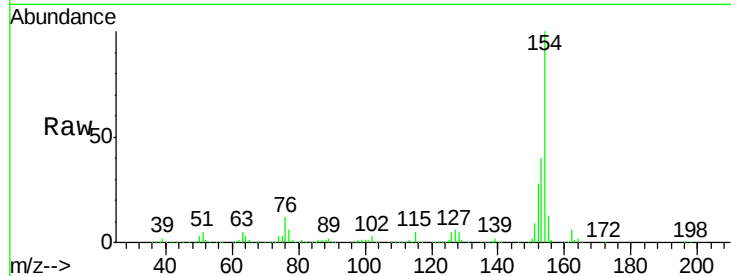




#45
 1,1'-Biphenyl
 Concen: 40.01 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

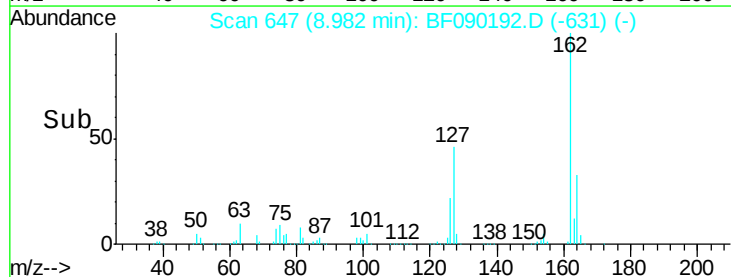
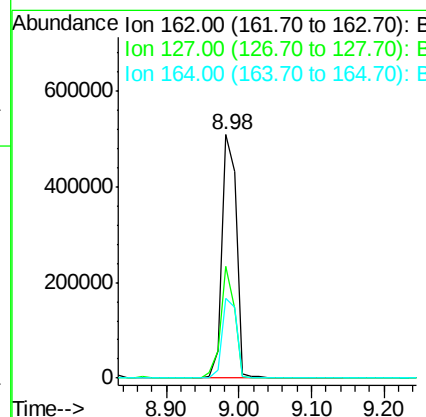
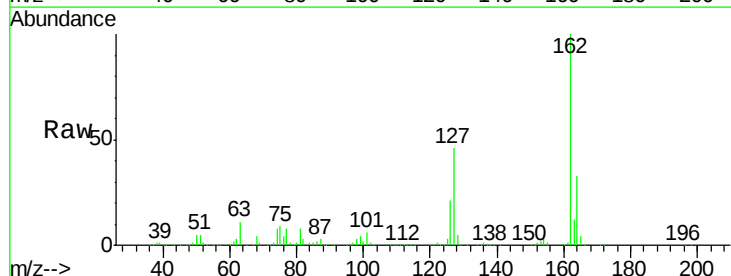
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

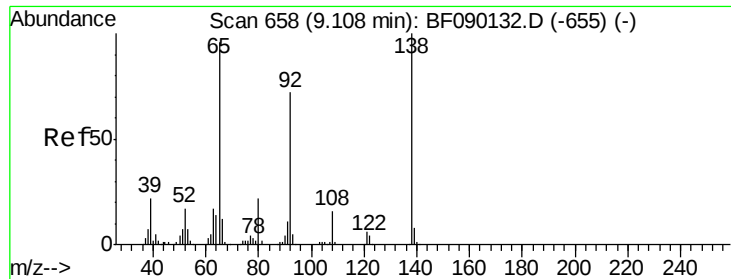
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.6	60.6
76	12.5	0.0	36.7



#46
 2-Chloronaphthalene
 Concen: 42.66 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.9	34.0	51.0
164	32.8	26.8	40.2

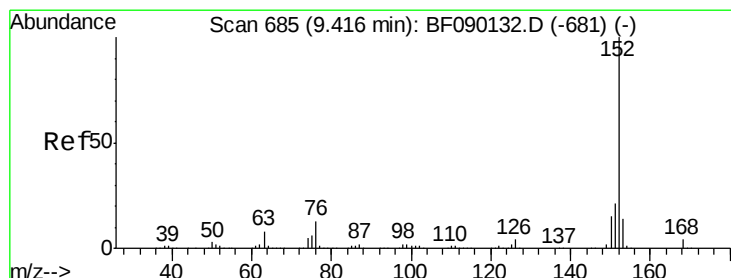
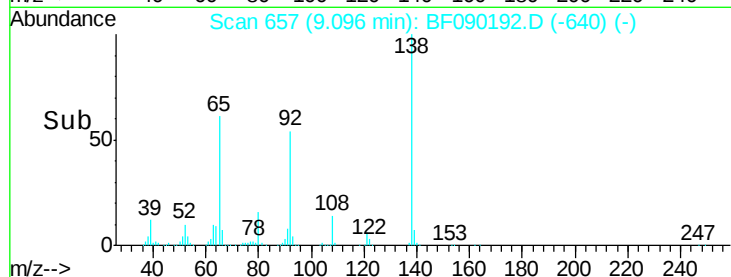
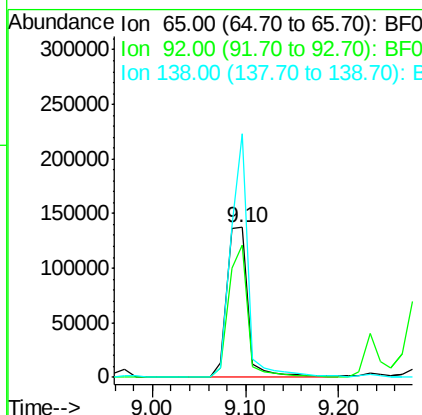
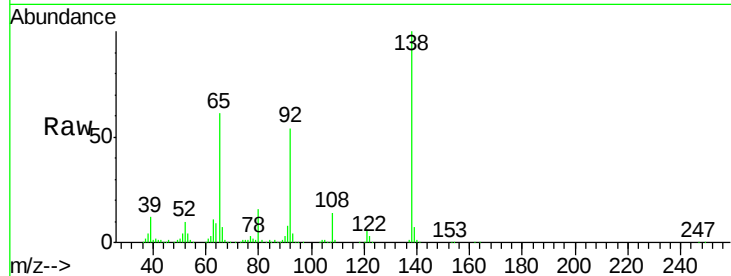




#47
2-Nitroaniline
Concen: 44.16 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

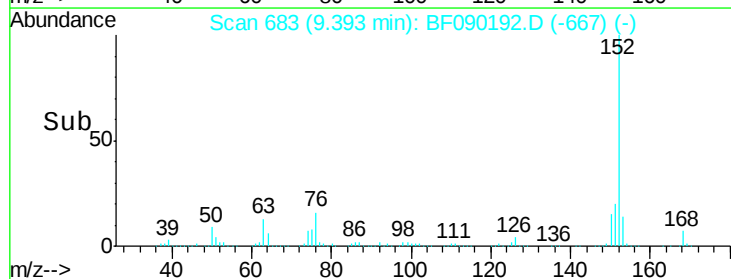
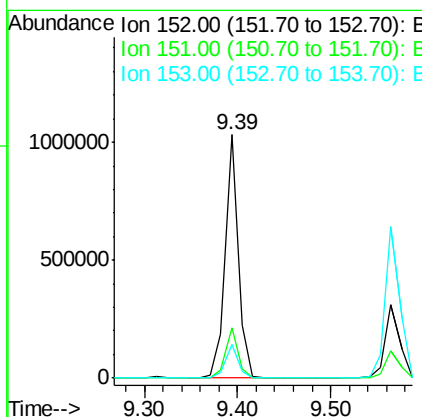
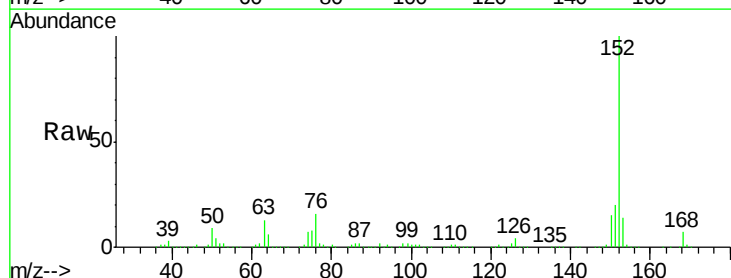
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

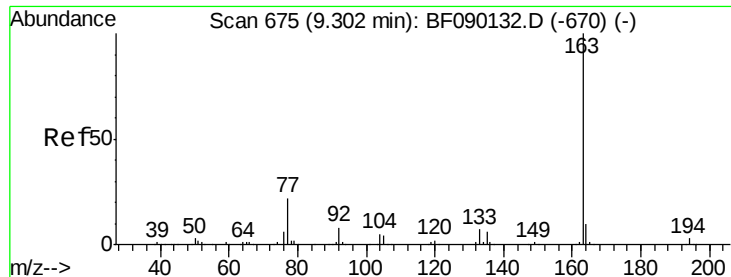
Tgt Ion: 65 Resp: 219966
Ion Ratio Lower Upper
65 100
92 88.5 66.1 99.1
138 162.6 104.1 156.1#



#48
Acenaphthylene
Concen: 37.63 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion: 152 Resp: 1009539
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.7 10.6 15.8

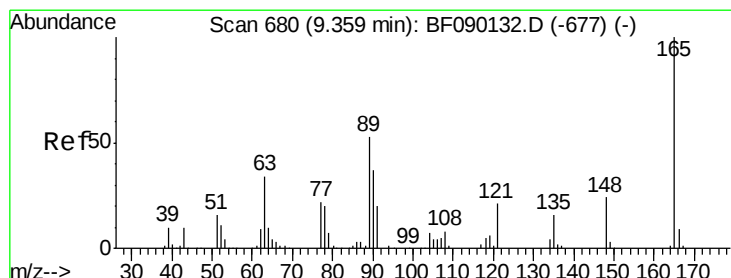
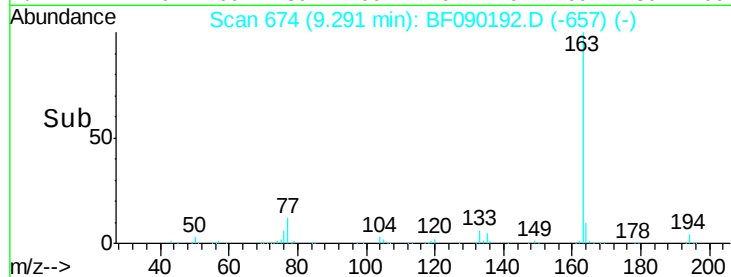
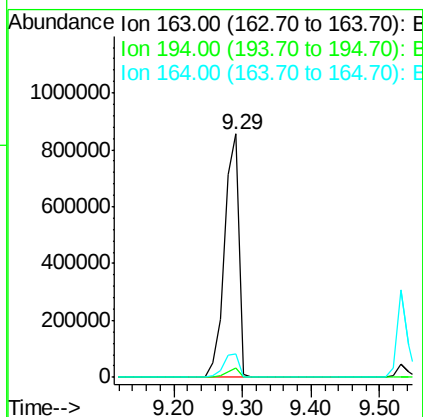
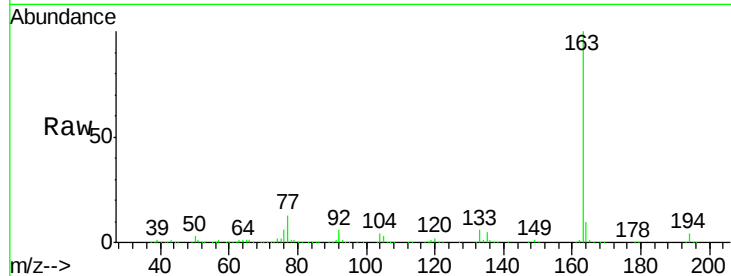




#49
Dimethylphthalate
Concen: 63.53 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

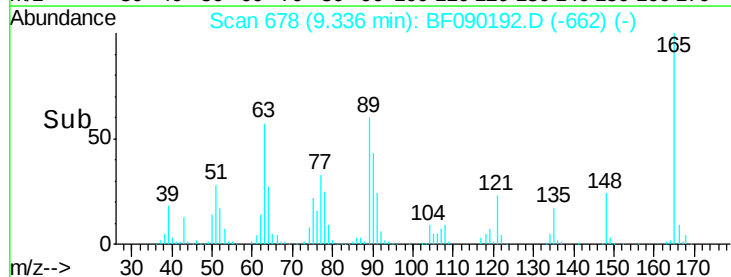
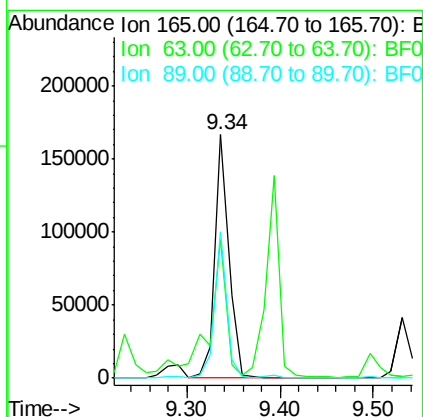
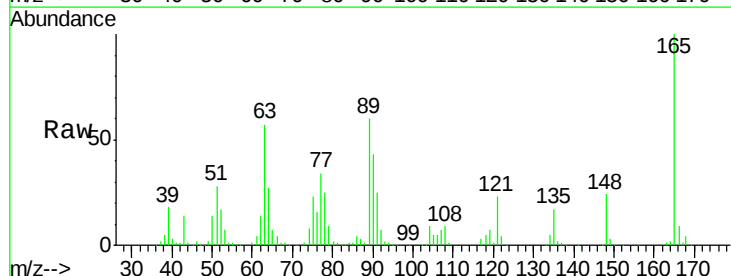
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

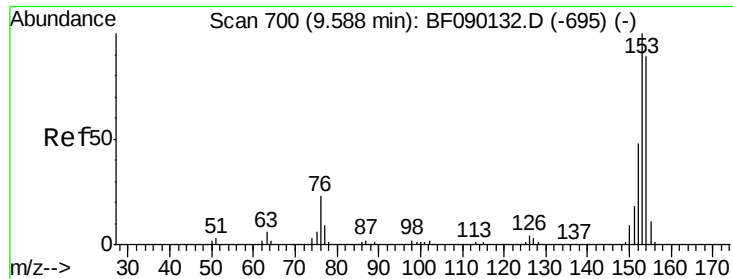
Tgt Ion:163 Resp: 1266480
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.7 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 39.09 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion:165 Resp: 173677
Ion Ratio Lower Upper
165 100
63 57.0 49.9 74.9
89 60.0 51.0 76.4

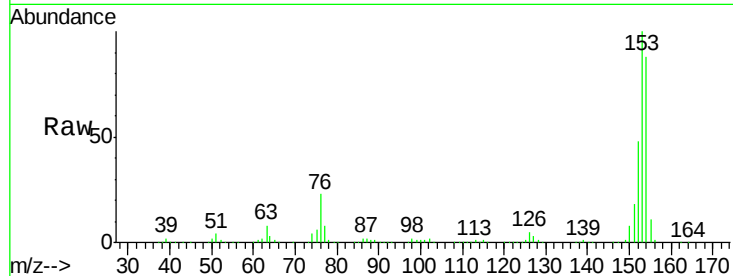




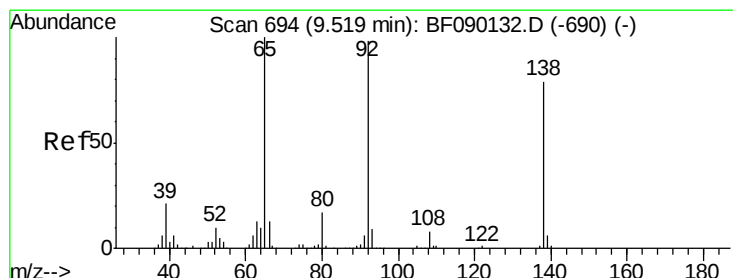
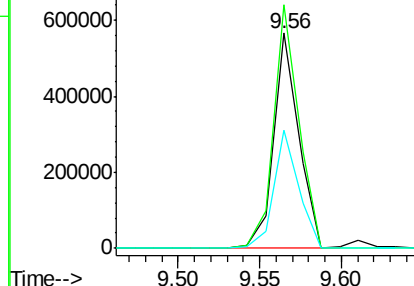
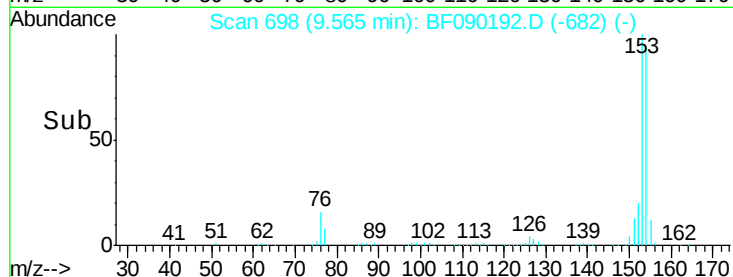
#51
Acenaphthene
Concen: 38.50 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

Tgt Ion:154 Resp: 613109
Ion Ratio Lower Upper
154 100
153 113.1 90.8 136.2
152 54.7 44.2 66.4

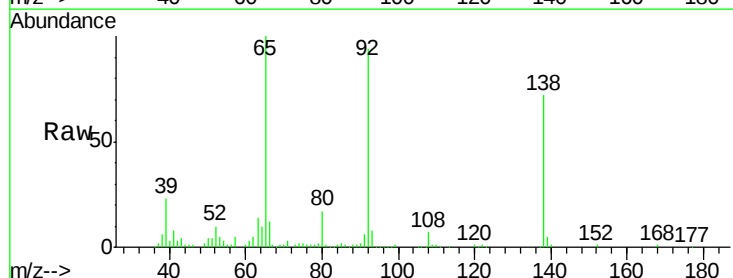


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

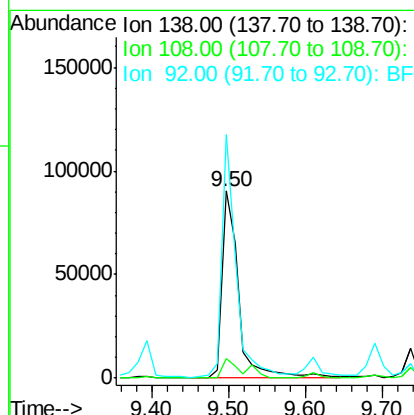
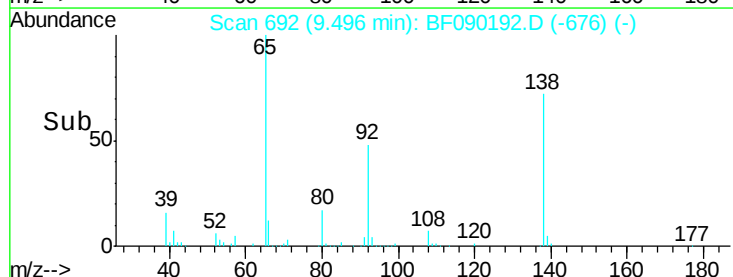


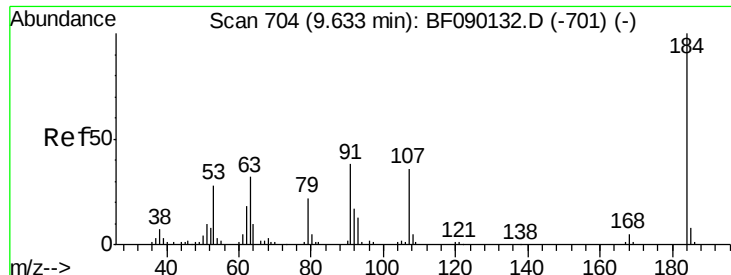
#52
3-Nitroaniline
Concen: 26.26 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion:138 Resp: 136806
Ion Ratio Lower Upper
138 100
108 10.2 7.8 11.6
92 130.3 90.7 136.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

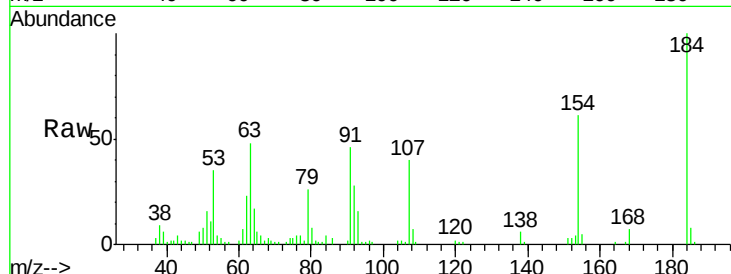




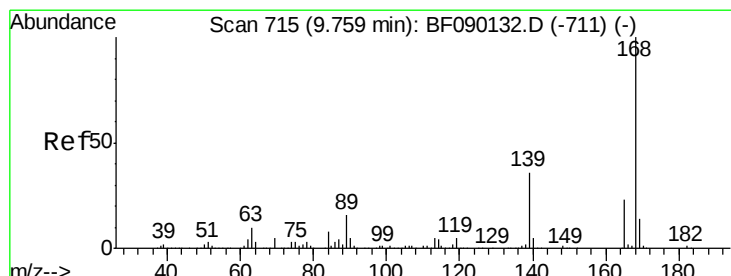
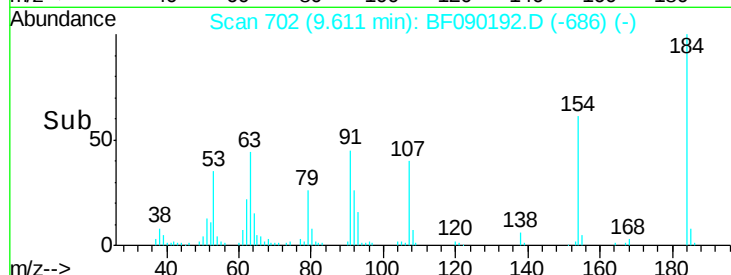
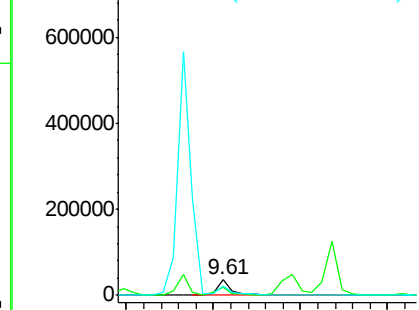
#53
 2,4-Dinitrophenol
 Concen: 20.36 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion:184 Resp: 44523
 Ion Ratio Lower Upper
 184 100
 63 47.6 44.6 67.0
 154 61.5 49.7 74.5

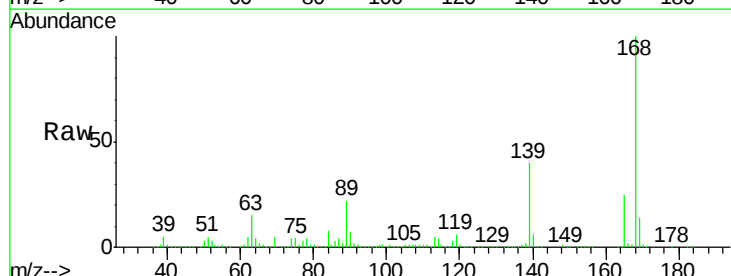


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

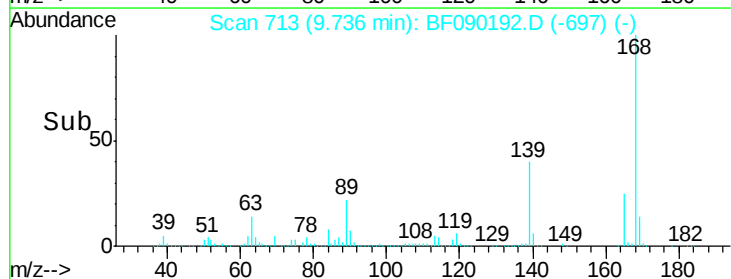
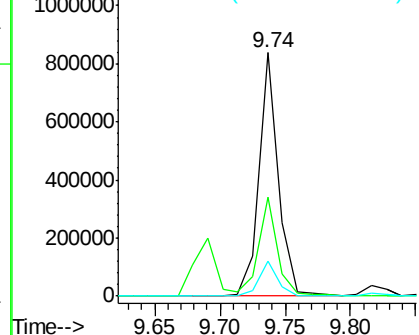


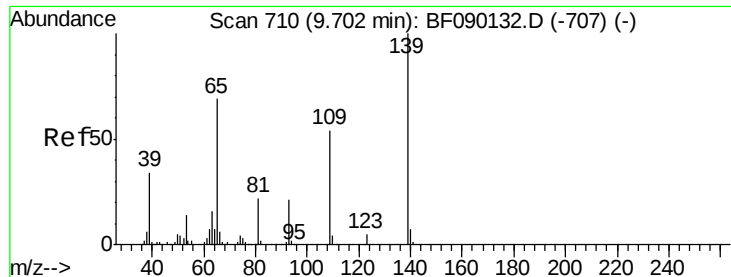
#54
 Dibenzofuran
 Concen: 41.84 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion:168 Resp: 876936
 Ion Ratio Lower Upper
 168 100
 139 40.5 28.8 43.2
 169 14.2 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

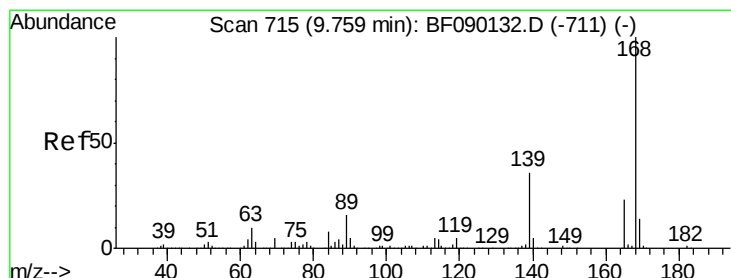
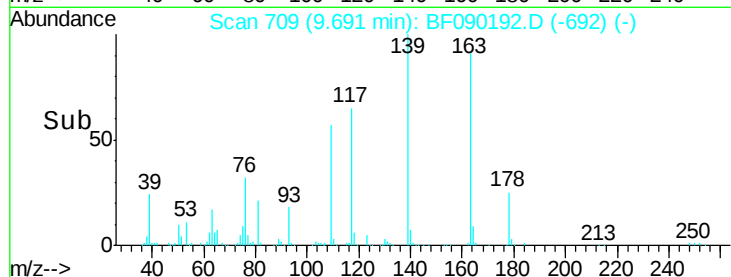
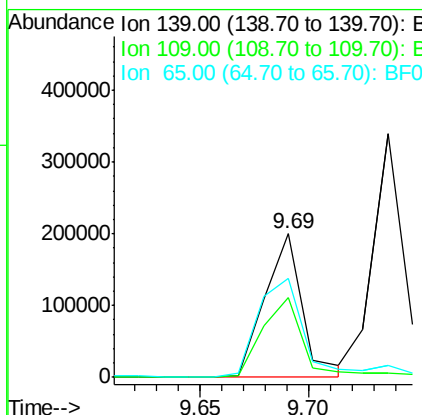
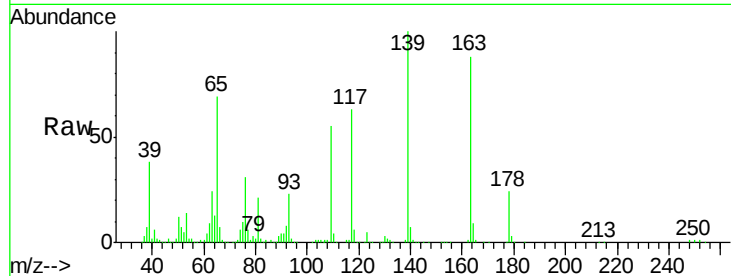




#55
4-Nitrophenol
Concen: 67.53 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

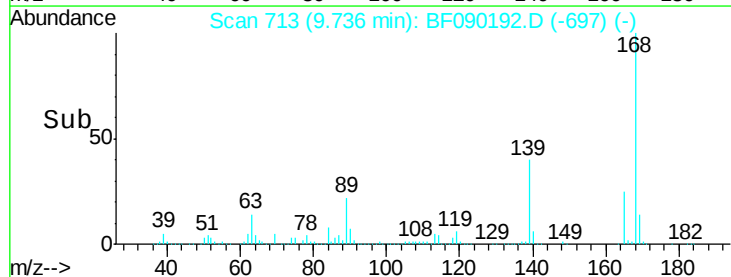
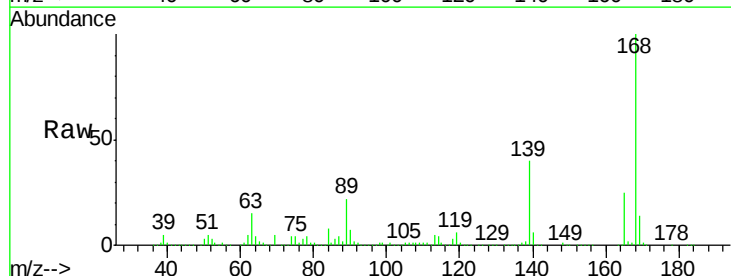
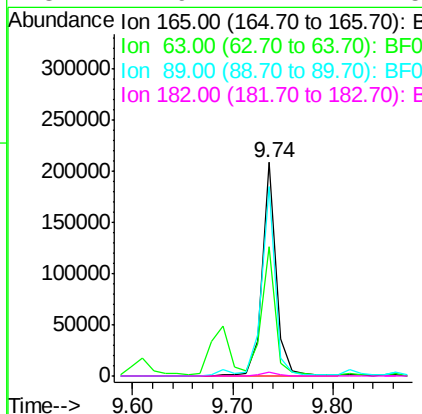
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

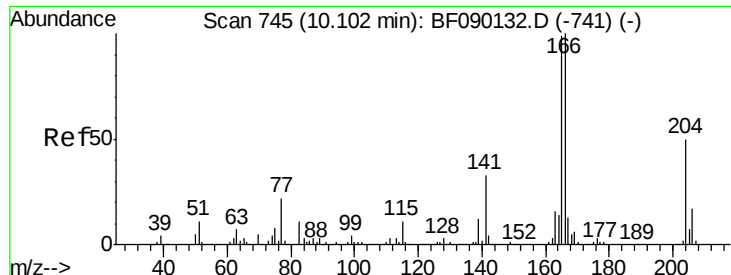
Tgt Ion:139 Resp: 241011
Ion Ratio Lower Upper
139 100
109 55.3 35.6 75.6
65 69.2 55.5 95.5



#56
2,4-Dinitrotoluene
Concen: 38.40 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion:165 Resp: 201735
Ion Ratio Lower Upper
165 100
63 60.3 44.4 66.6
89 88.5 70.1 105.1
182 1.9 1.7 2.5

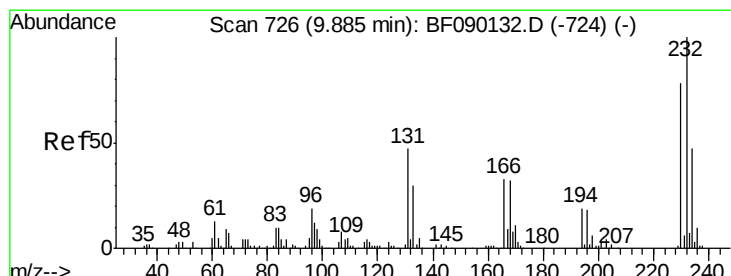
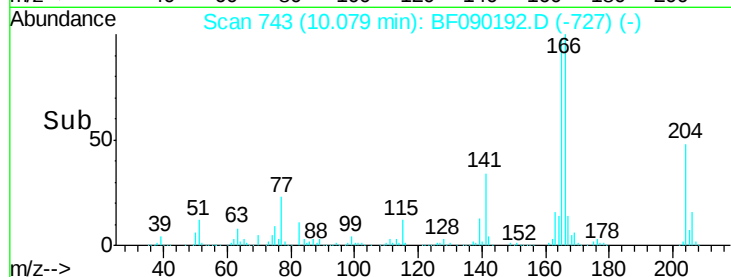
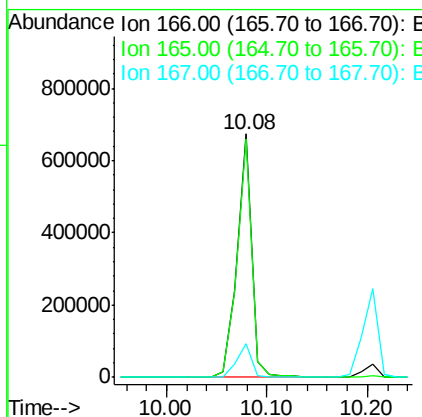
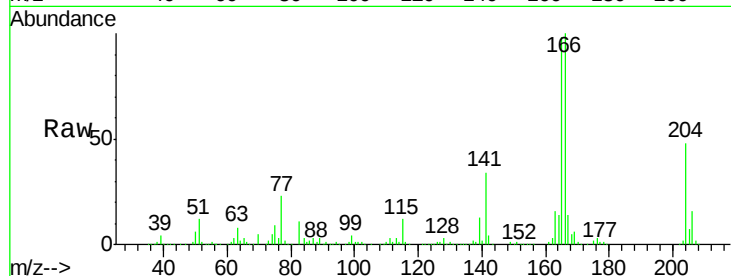




#57
Fluorene
 Concen: 43.29 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

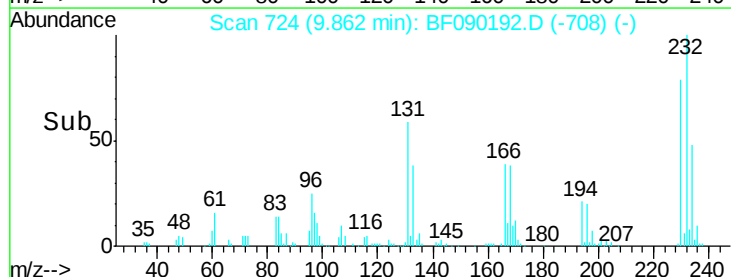
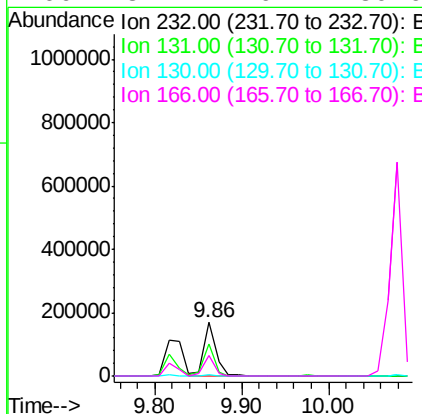
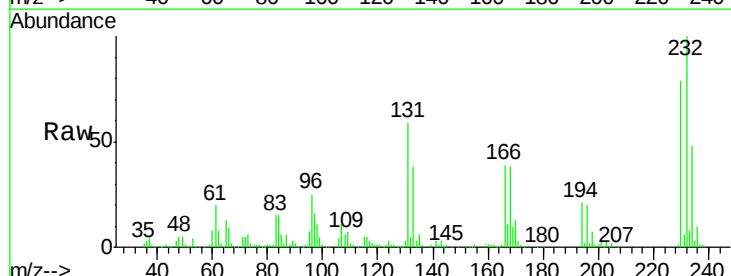
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

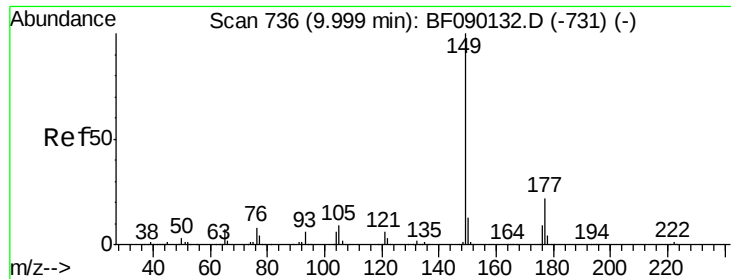
Tgt Ion:166 Resp: 683695
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.5 117.7
 167 13.6 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.29 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion:232 Resp: 163887
 Ion Ratio Lower Upper
 232 100
 131 52.1 42.2 63.4
 130 2.4 1.9 2.9
 166 34.7 26.4 39.6

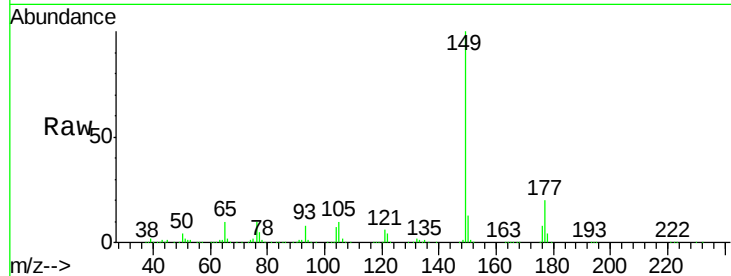




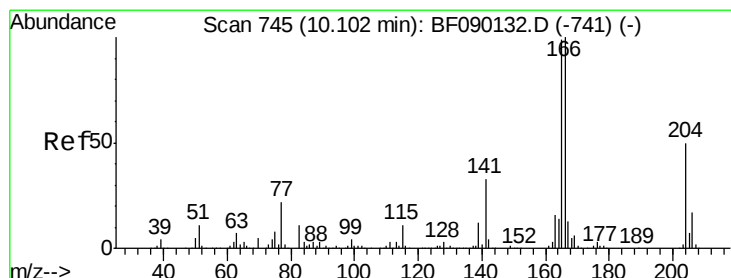
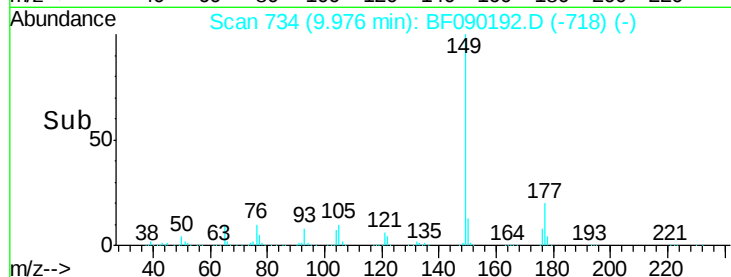
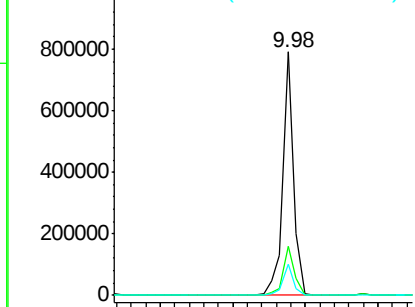
#59
Diethylphthalate
Concen: 42.47 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

Tgt Ion:149 Resp: 817686
Ion Ratio Lower Upper
149 100
177 20.1 15.8 23.6
150 13.0 10.4 15.6

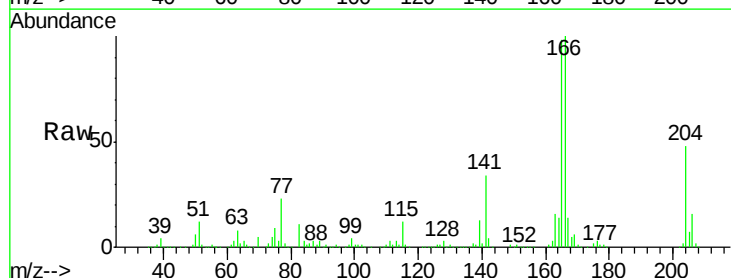


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

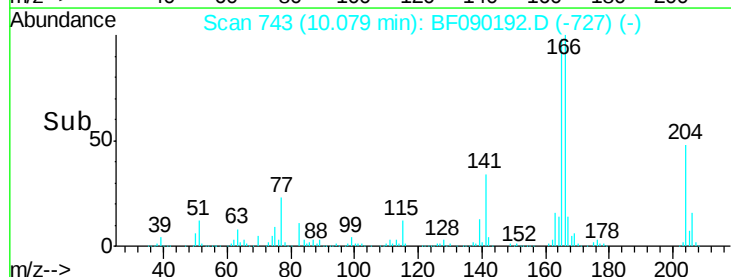
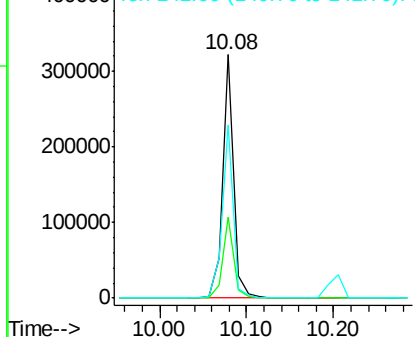


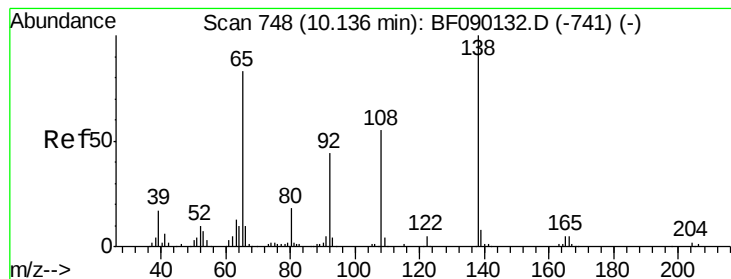
#60
4-Chlorophenyl-phenylether
Concen: 39.57 ng
RT: 10.08 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion:204 Resp: 284959
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 70.9 64.4 96.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

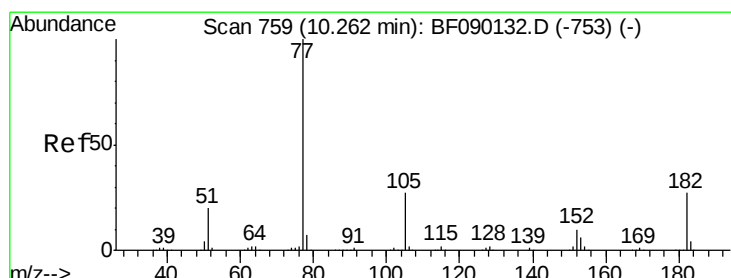
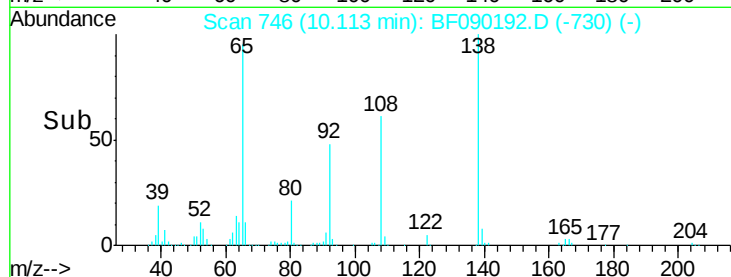
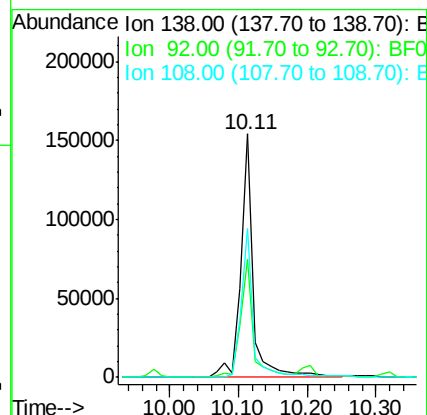
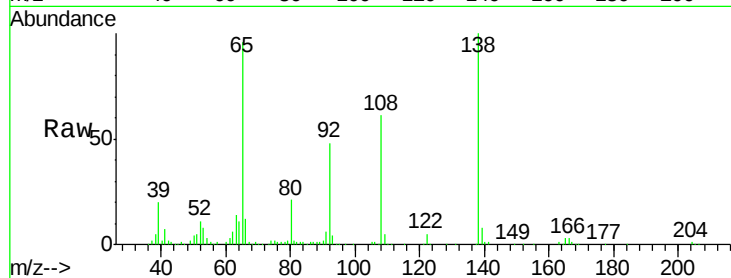




#61
 4-Nitroaniline
 Concen: 36.84 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

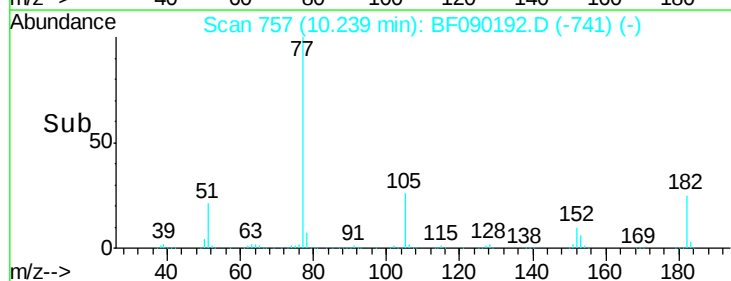
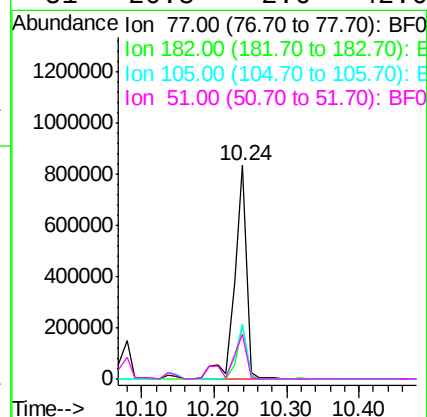
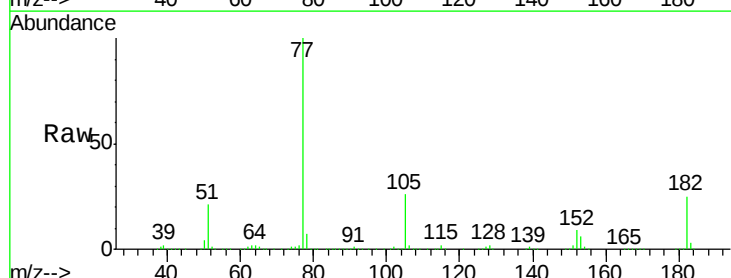
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

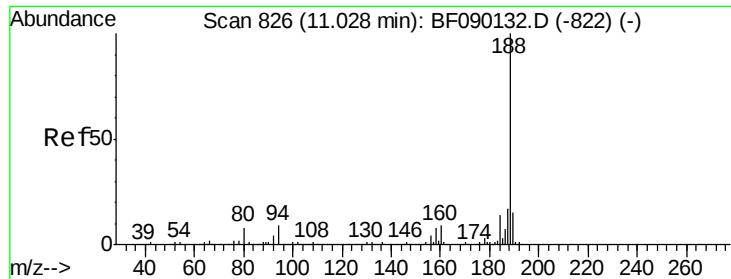
Tgt Ion: 138 Resp: 195629
 Ion Ratio Lower Upper
 138 100
 92 48.4 23.8 63.8
 108 61.3 35.0 75.0



#62
 Azobenzene
 Concen: 47.05 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion: 77 Resp: 942968
 Ion Ratio Lower Upper
 77 100
 182 24.9 0.0 38.4
 105 25.5 3.8 43.8
 51 20.8 2.6 42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

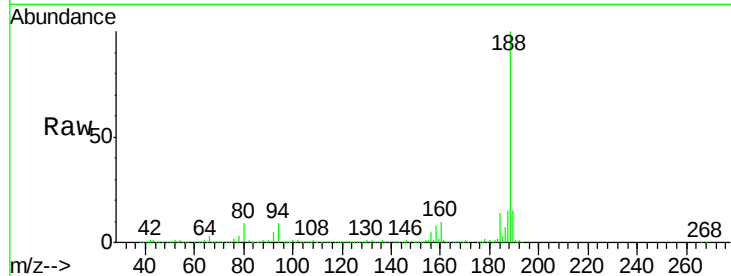
Tgt Ion:188 Resp: 477494

Ion Ratio Lower Upper

188 100

94 8.9 10.5 15.7#

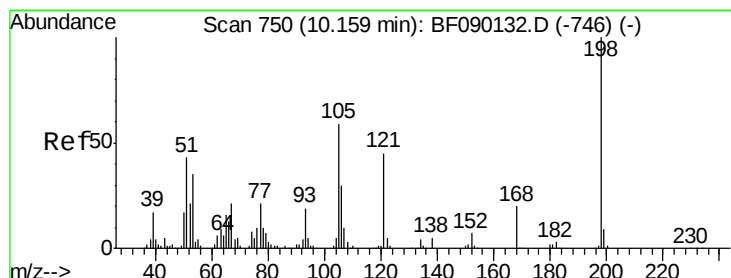
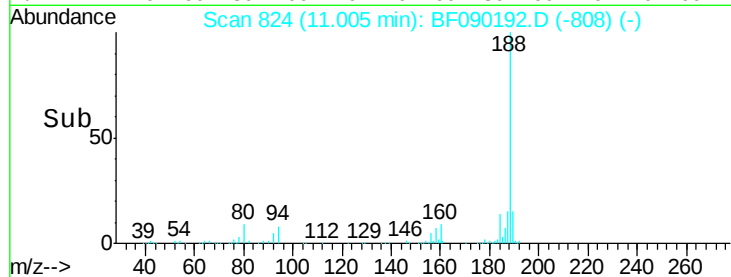
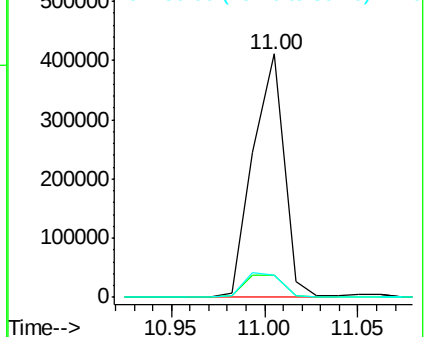
80 9.3 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 24.80 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

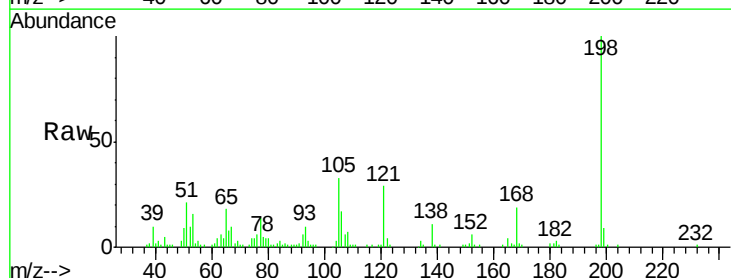
Tgt Ion:198 Resp: 74165

Ion Ratio Lower Upper

198 100

51 20.9 5.5 45.5

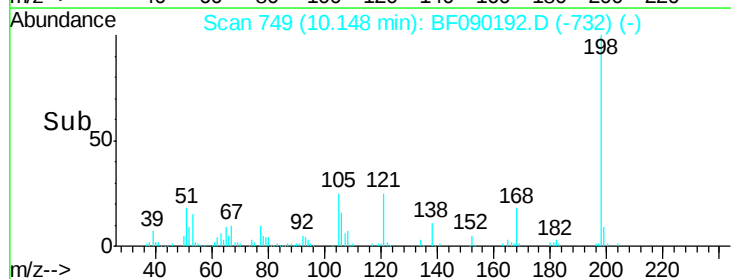
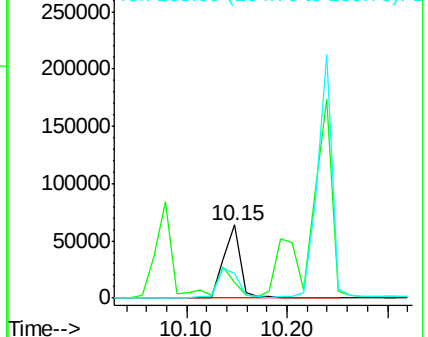
105 32.9 21.8 61.8

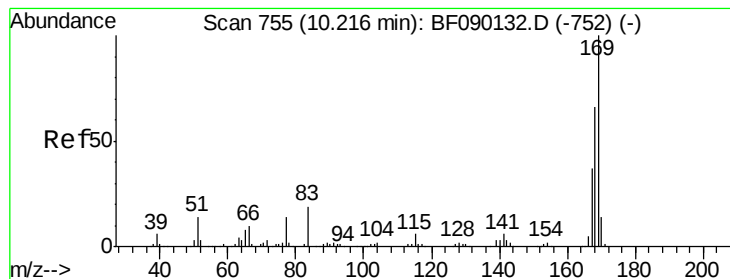


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.60 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

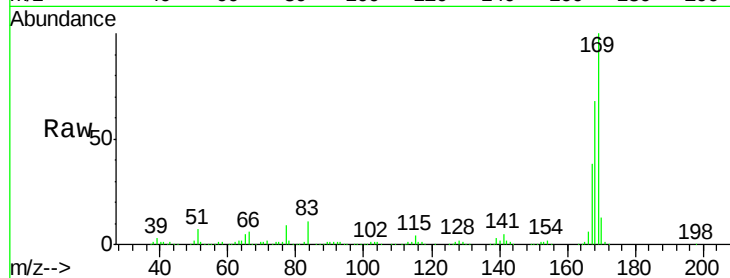
Tgt Ion:169 Resp: 700241

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.4

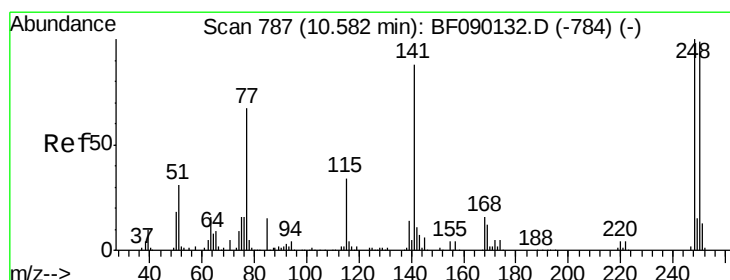
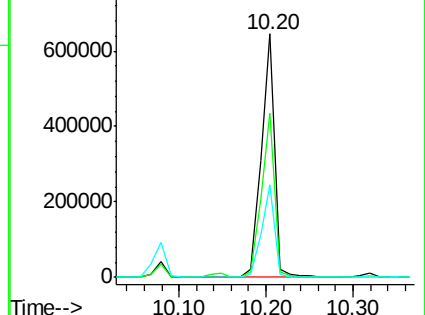
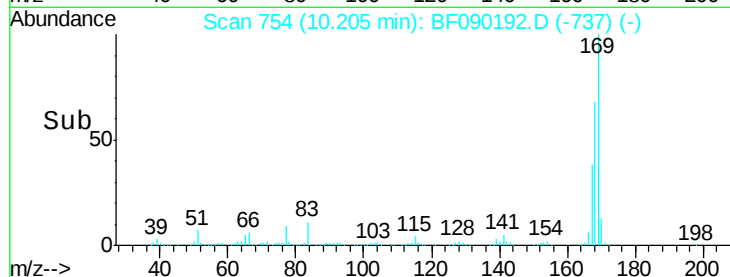
167 37.9 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.05 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

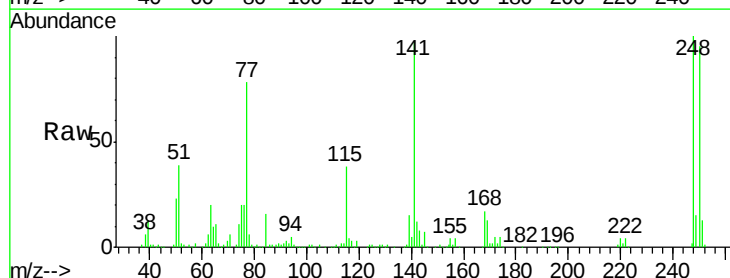
Tgt Ion:248 Resp: 192870

Ion Ratio Lower Upper

248 100

250 95.2 79.4 119.2

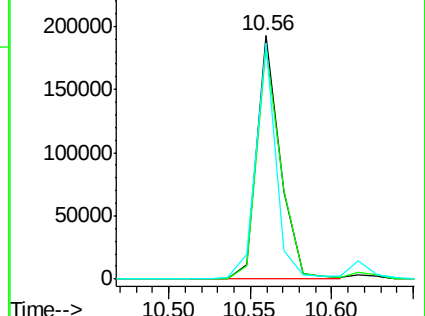
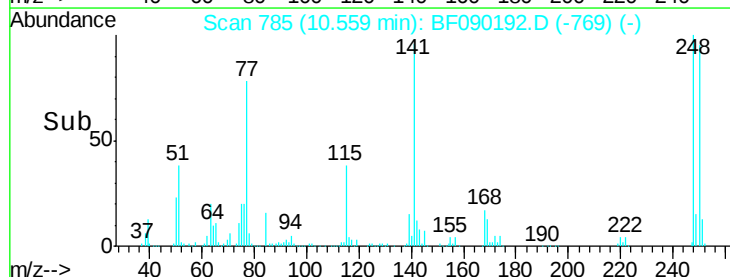
141 96.7 49.3 73.9#

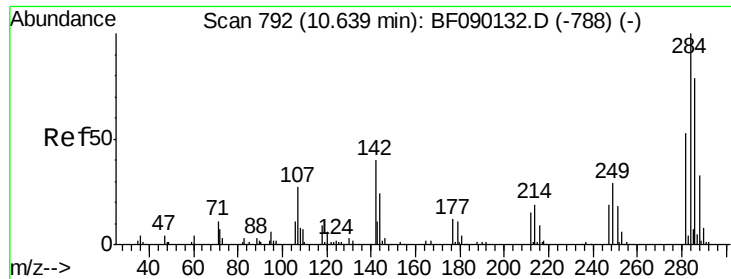


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

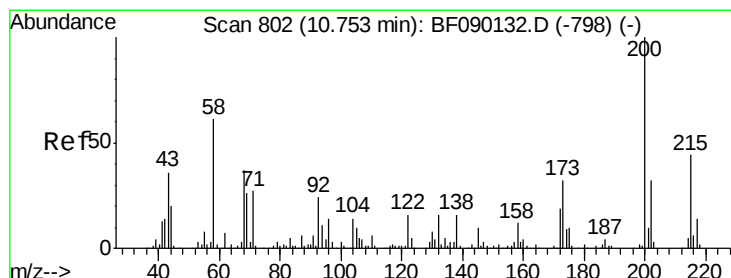
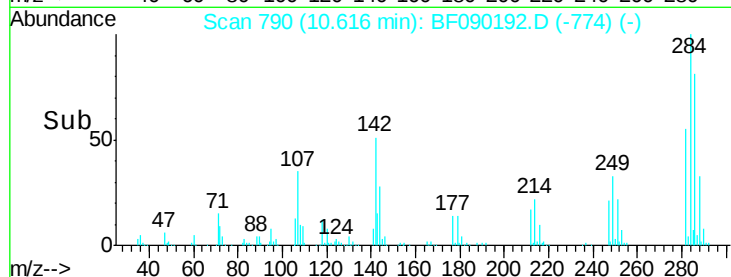
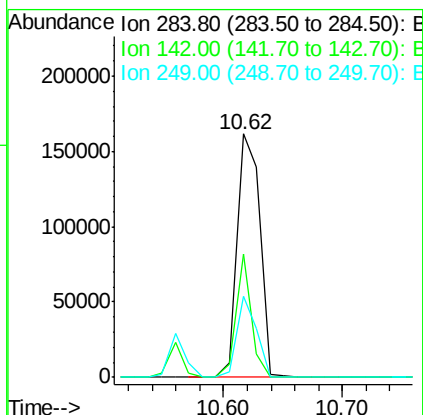
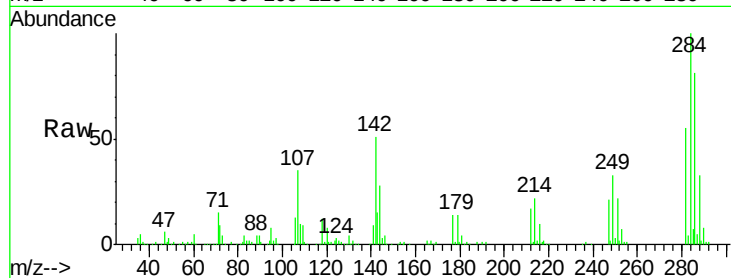




#67
Hexachlorobenzene
Concen: 39.36 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

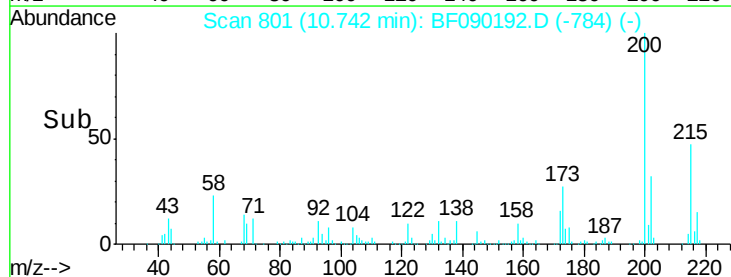
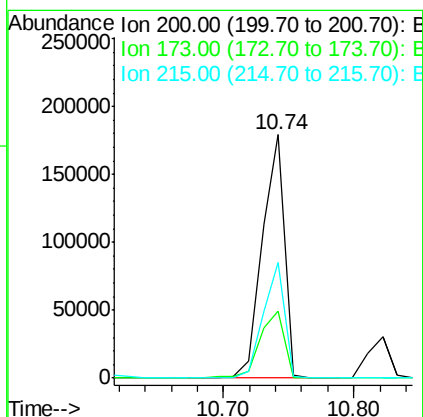
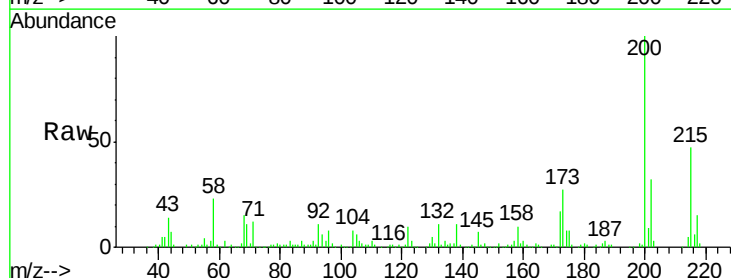
Instrument :
BNA_F
ClientSampleId :
BH-8-1.5-2.5FTMSD

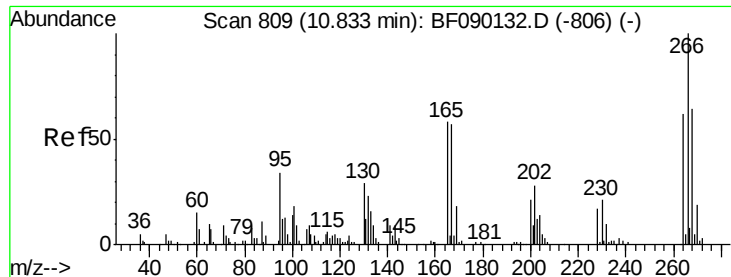
Tgt Ion	Ratio	Lower	Upper
284	100		
142	50.8	24.0	36.0#
249	33.2	23.8	35.6



#68
Atrazine
Concen: 49.73 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF090192.D
Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	9.3	49.3
215	47.4	26.1	66.1

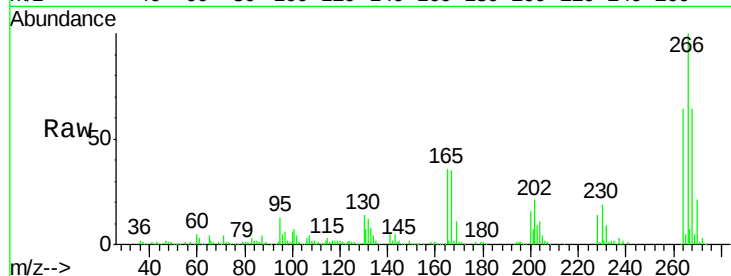




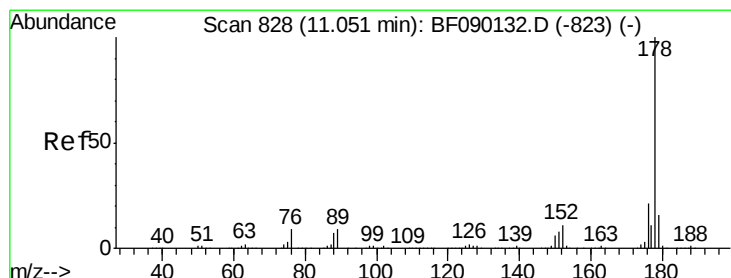
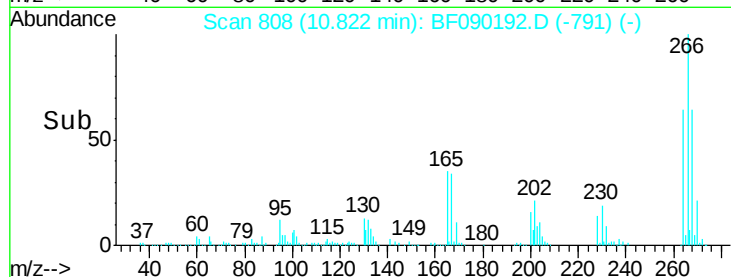
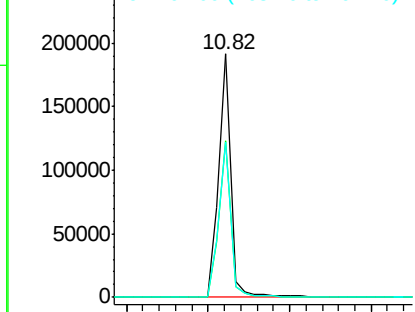
#69
 Pentachlorophenol
 Concen: 64.65 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion:266 Resp: 200964
 Ion Ratio Lower Upper
 266 100
 268 64.3 52.1 78.1
 264 63.9 50.3 75.5

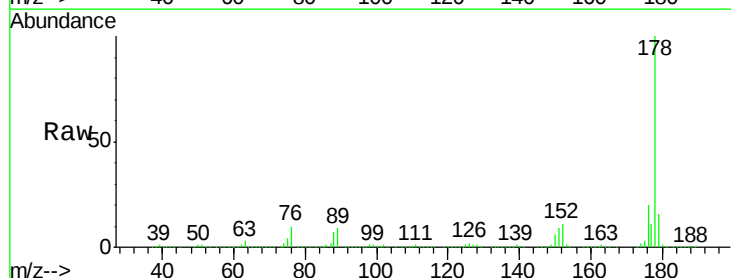


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

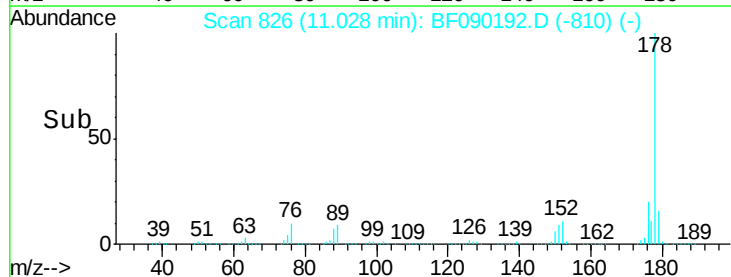
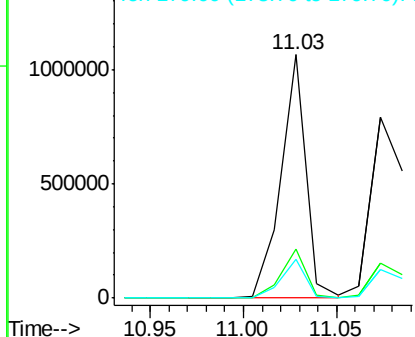


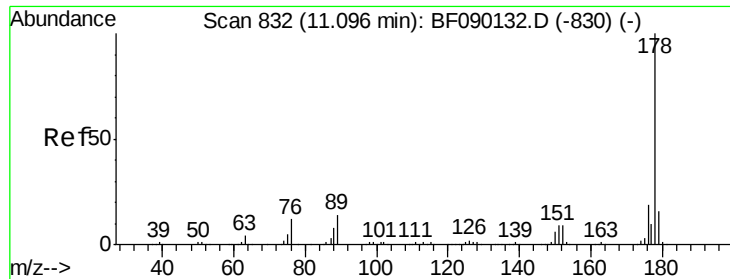
#70
 Phenanthrene
 Concen: 44.51 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion:178 Resp: 994029
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 15.8 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

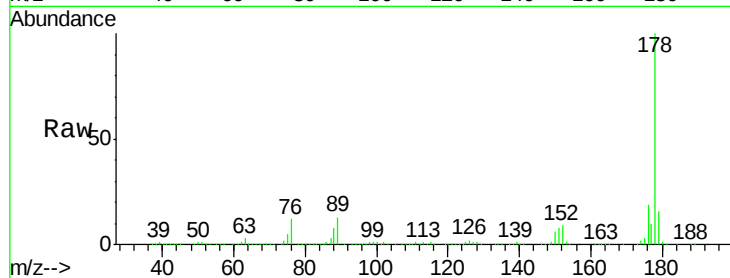




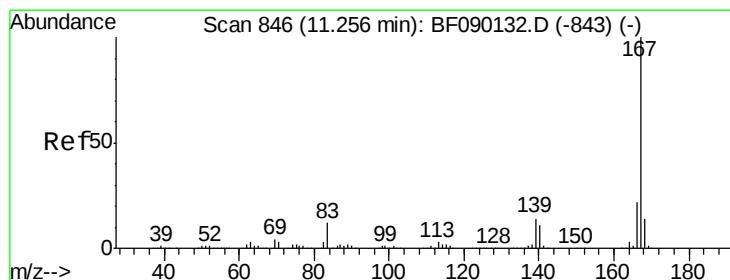
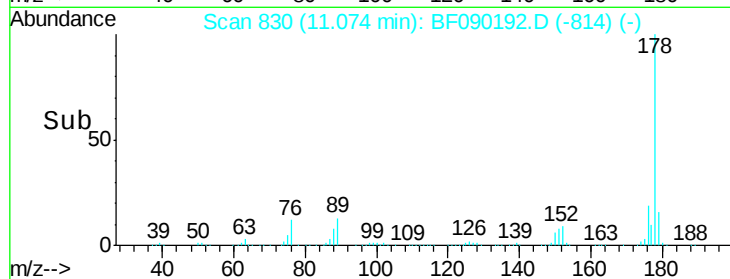
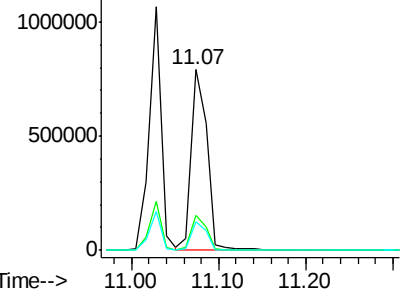
#71
 Anthracene
 Concen: 42.90 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion:178 Resp: 1004707
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.8 12.6 19.0

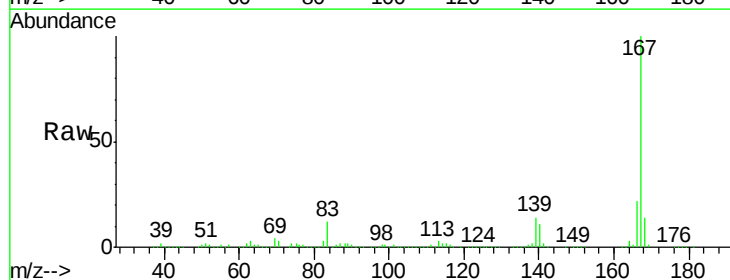


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

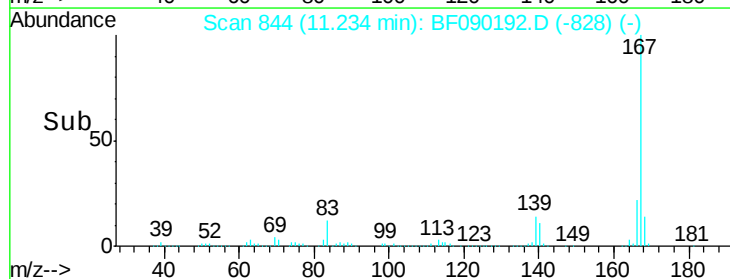
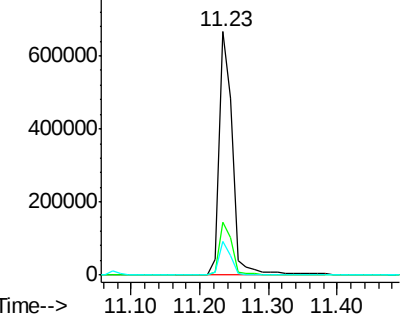


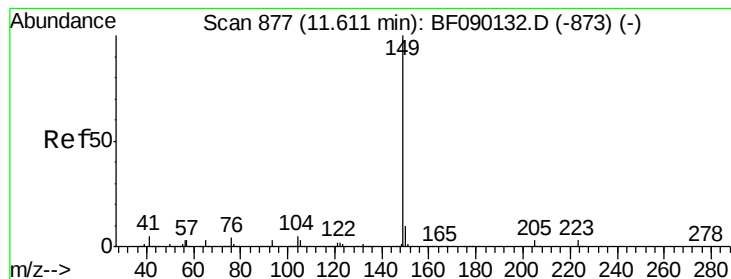
#72
 Carbazole
 Concen: 36.62 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion:167 Resp: 906636
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 14.0 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.62 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

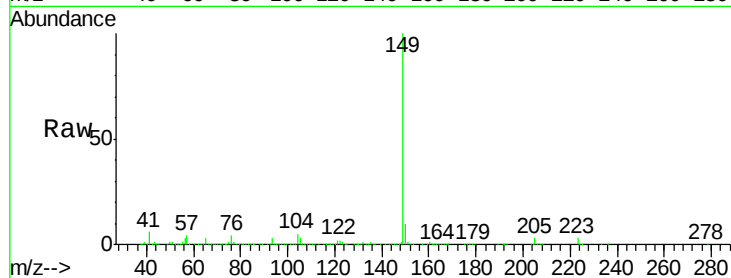
Tgt Ion:149 Resp: 1227070

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

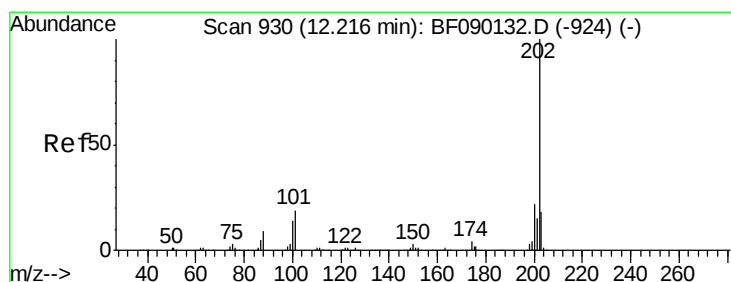
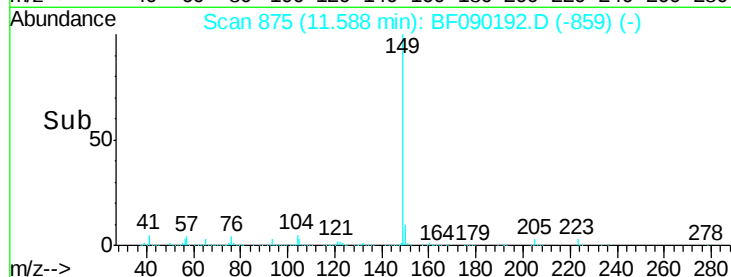
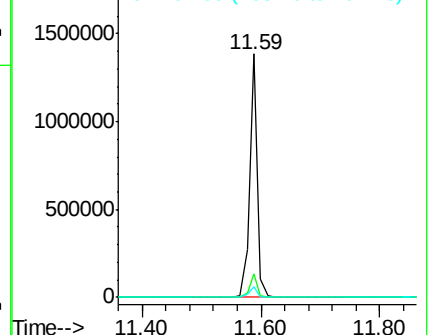
104 4.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.09 ng

RT: 12.21 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

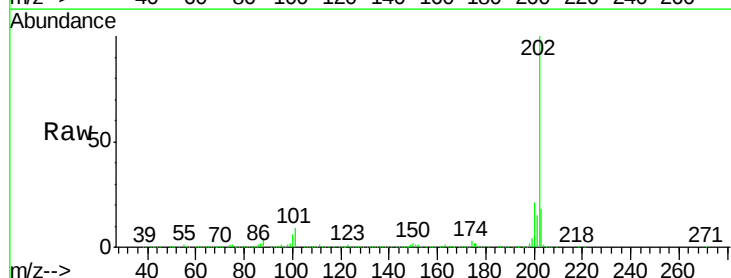
Tgt Ion:202 Resp: 937102

Ion Ratio Lower Upper

202 100

101 8.6 0.0 36.1

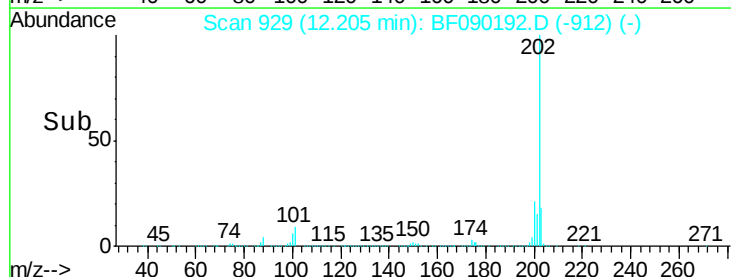
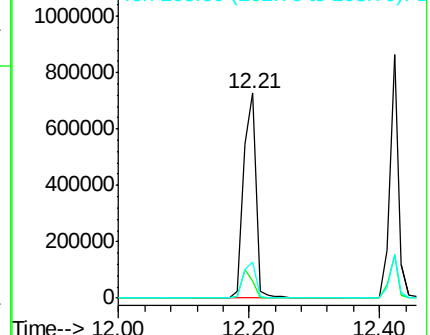
203 17.7 0.0 38.2

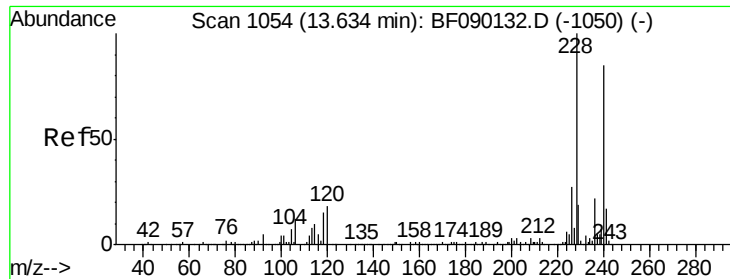


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

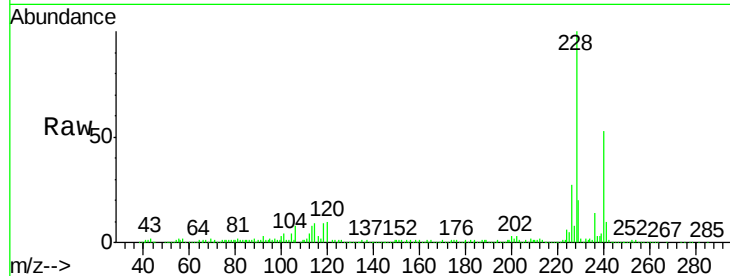
Tgt Ion:240 Resp: 255384

Ion Ratio Lower Upper

240 100

120 19.5 10.6 16.0#

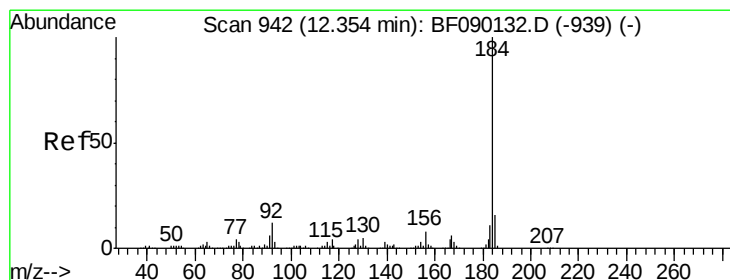
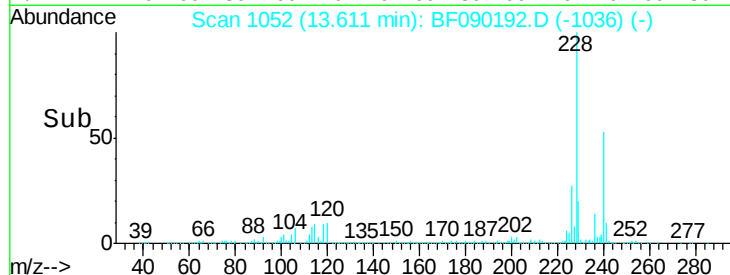
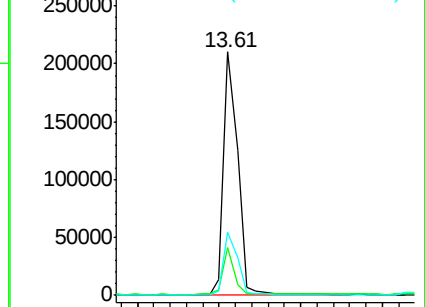
236 25.8 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.42 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

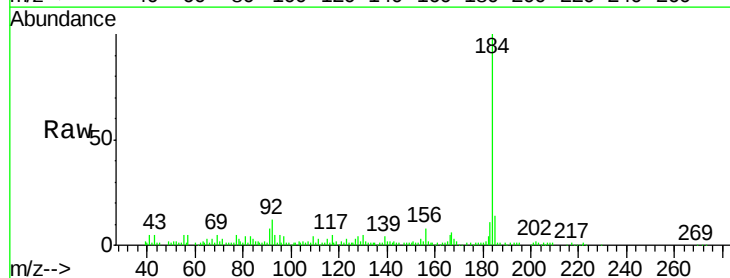
Tgt Ion:184 Resp: 140367

Ion Ratio Lower Upper

184 100

185 14.5 13.2 19.8

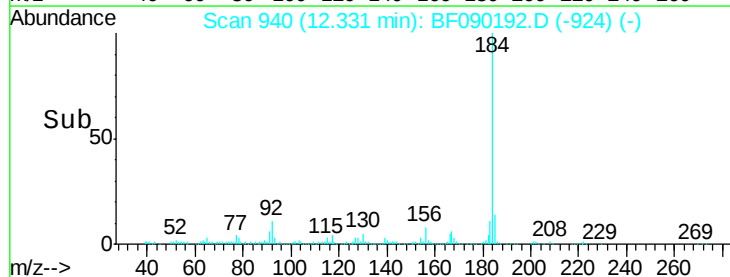
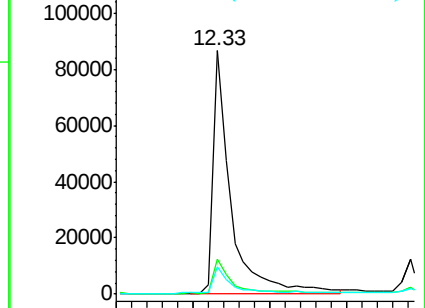
183 11.3 9.2 13.8

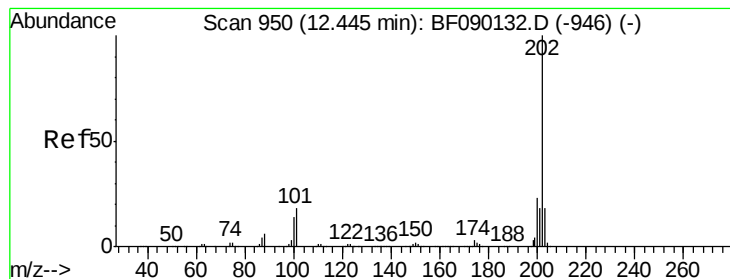


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.37 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

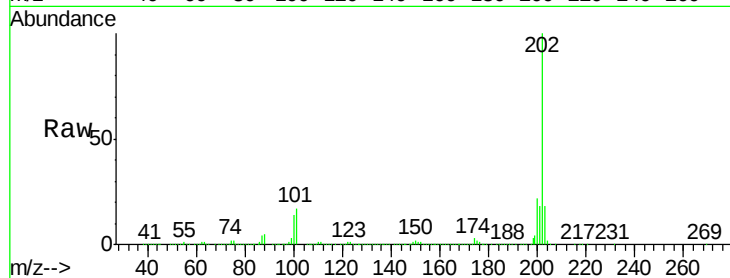
Tgt Ion:202 Resp: 810315

Ion Ratio Lower Upper

202 100

200 22.3 17.9 26.9

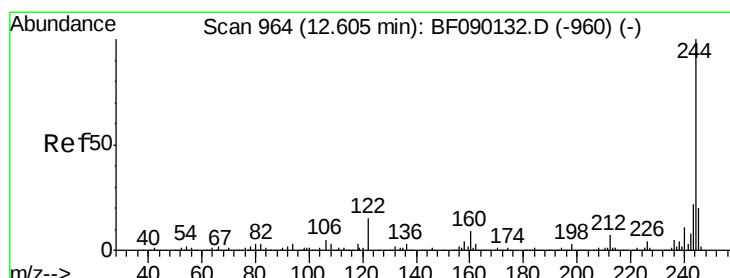
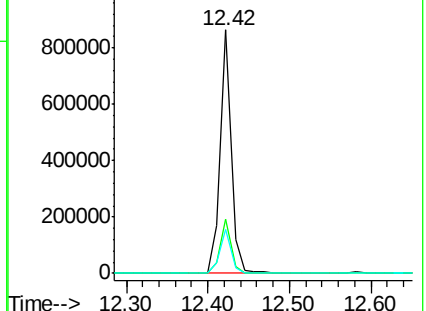
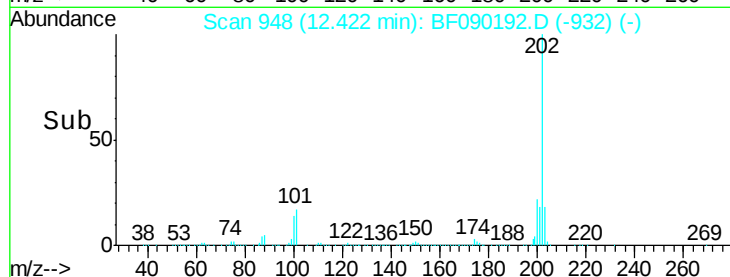
203 17.9 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.88 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

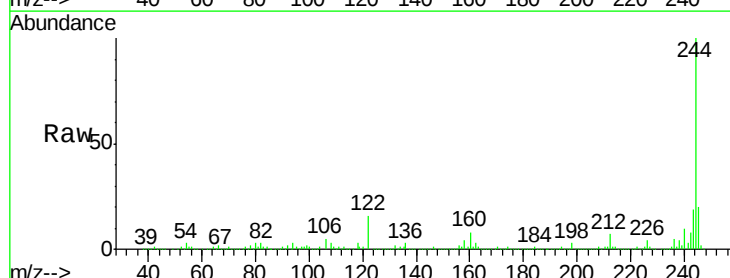
Tgt Ion:244 Resp: 904081

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

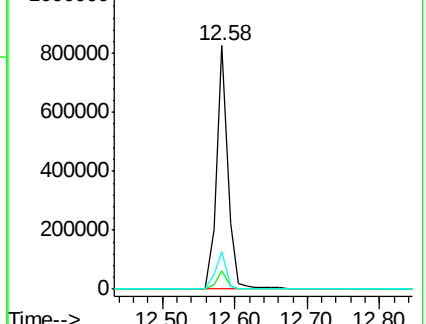
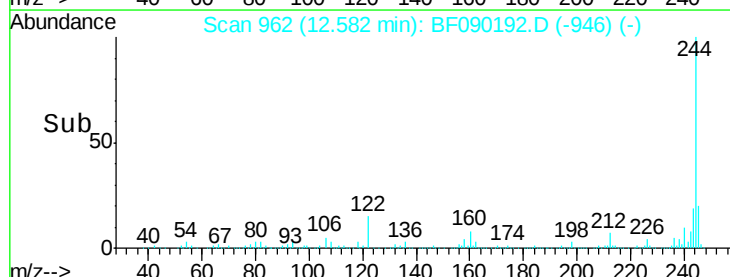
122 15.6 9.4 14.0#

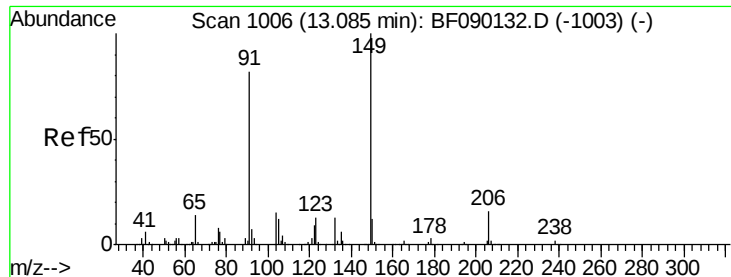


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.73 ng

RT: 13.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

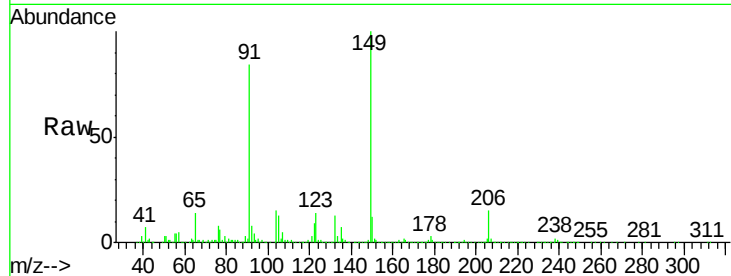
Tgt Ion:149 Resp: 382405

Ion Ratio Lower Upper

149 100

91 83.9 49.8 74.6#

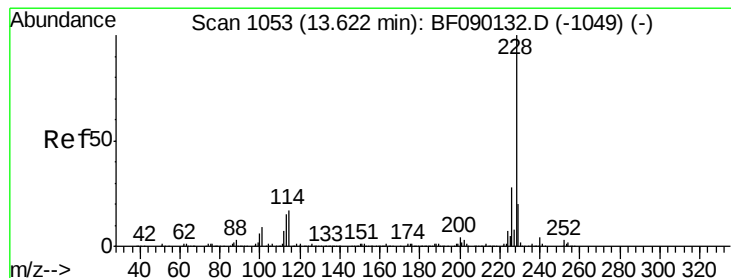
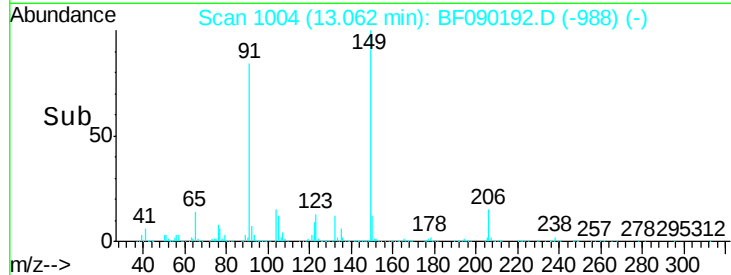
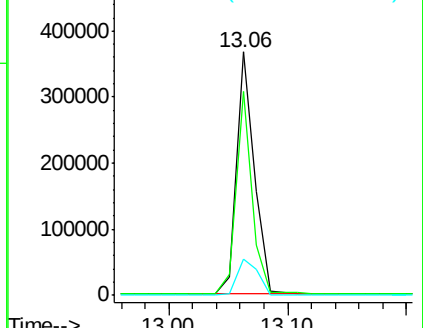
206 15.0 16.3 24.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.14 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

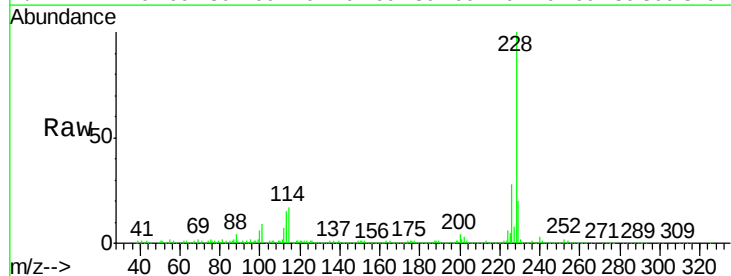
Tgt Ion:228 Resp: 620270

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

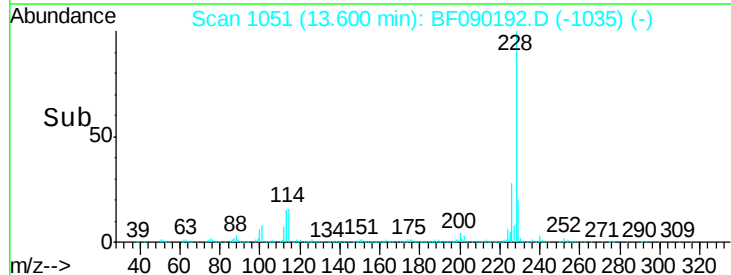
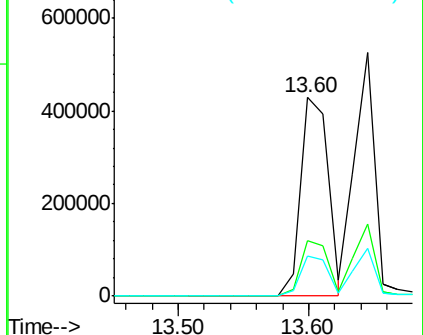
229 20.3 16.2 24.2

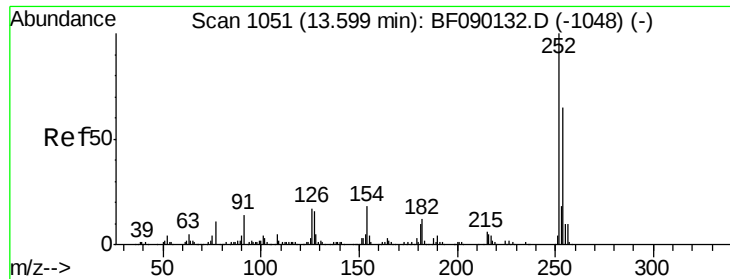


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

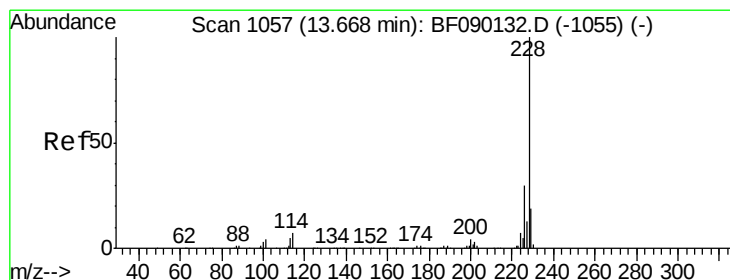
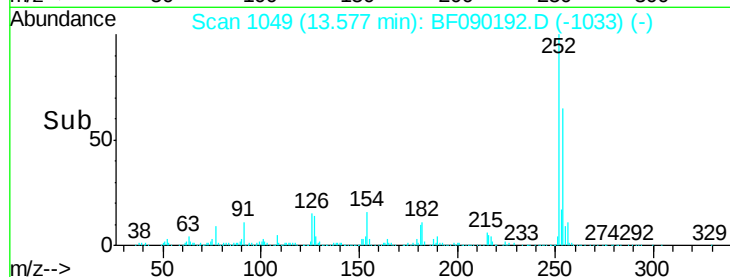
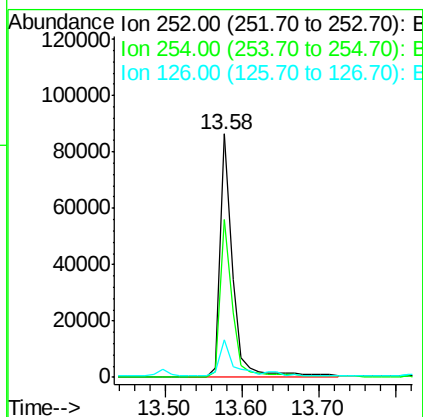
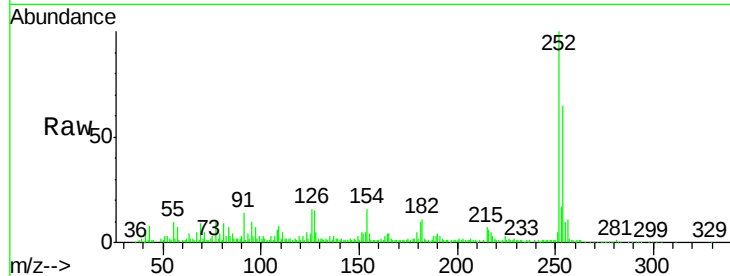




#81
 3,3'-Dichlorobenzidine
 Concen: 17.89 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

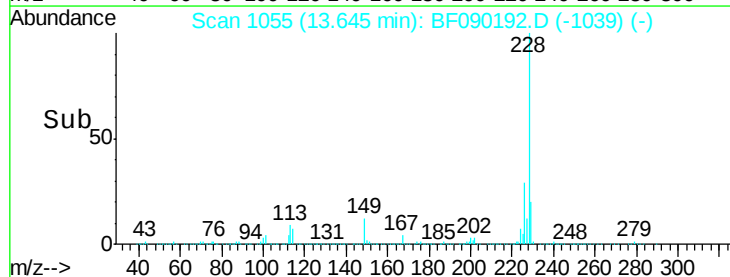
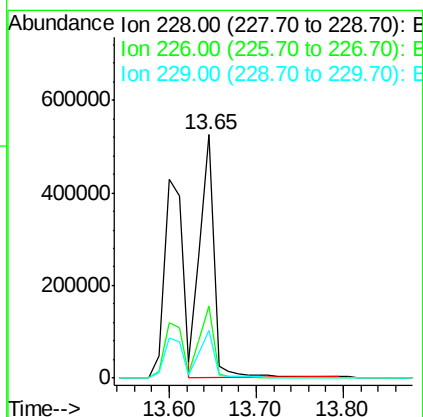
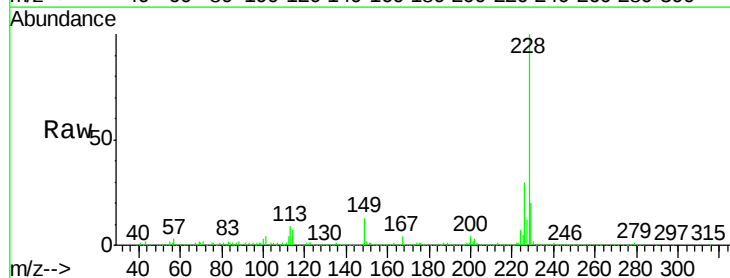
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

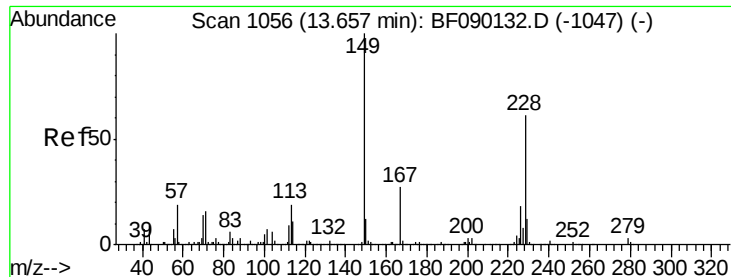
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	15.5	9.2	13.8



#82
 Chrysene
 Concen: 43.68 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.6	37.0
229	19.8	16.2	24.4

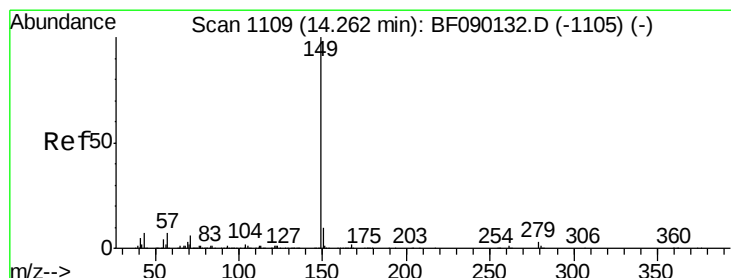
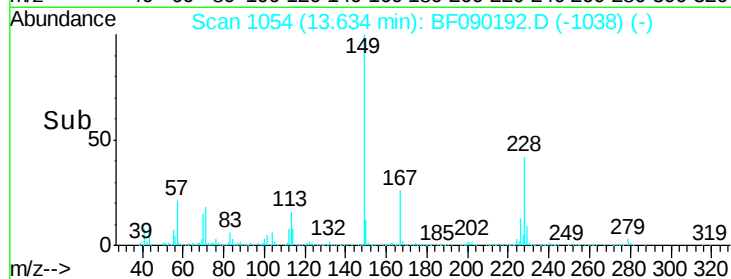
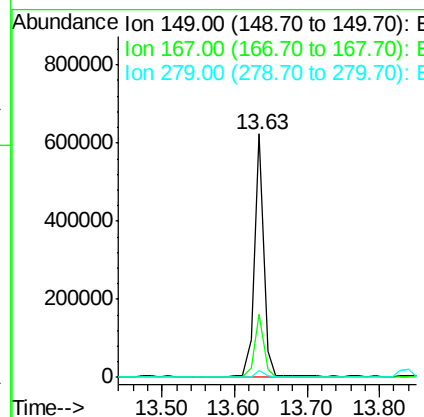
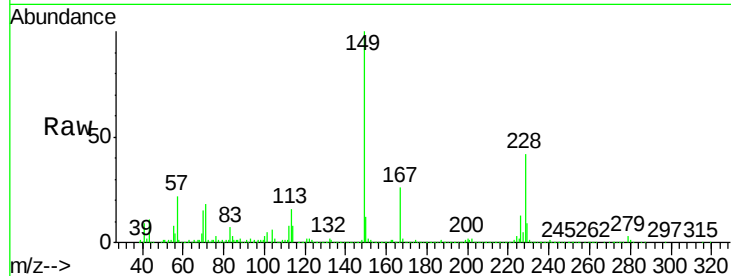




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.47 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

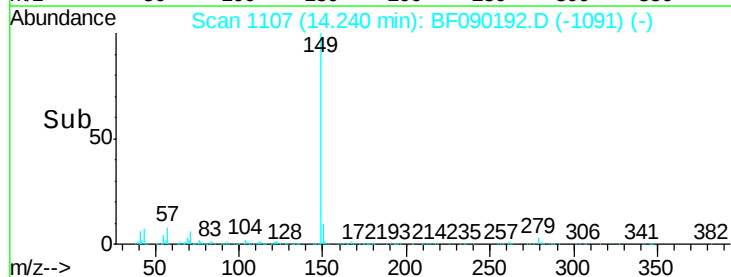
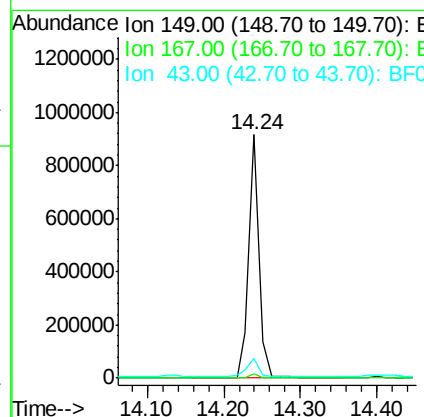
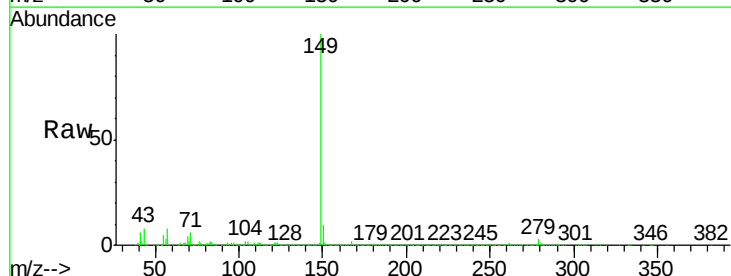
Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

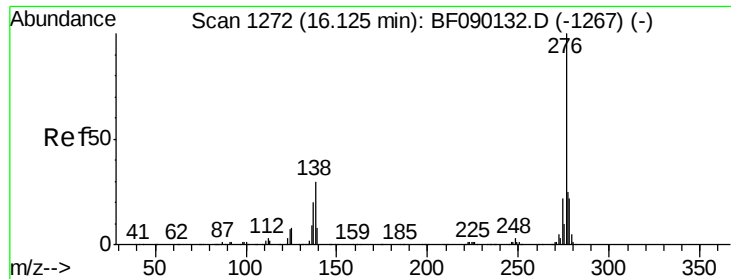
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.2	31.8
279	2.9	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 44.64 ng
 RT: 14.24 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	6.8	10.2

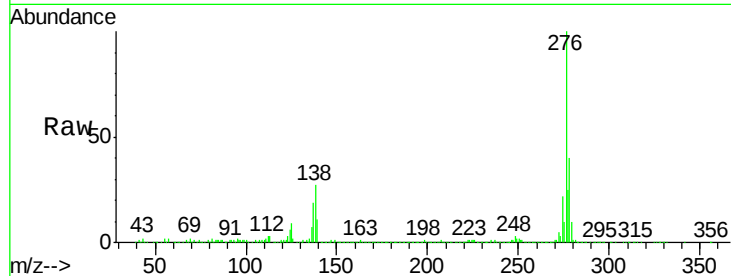




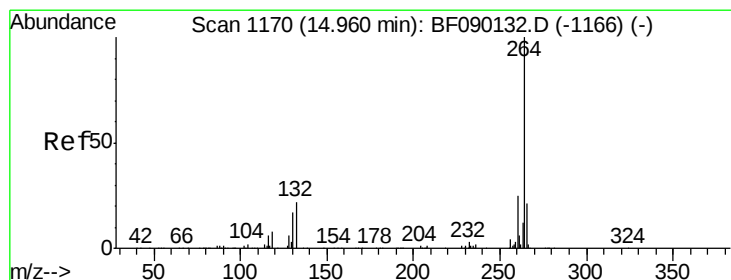
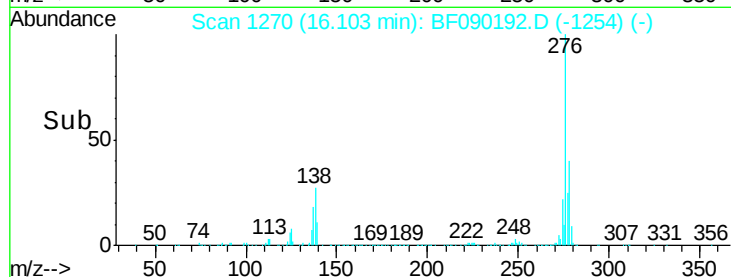
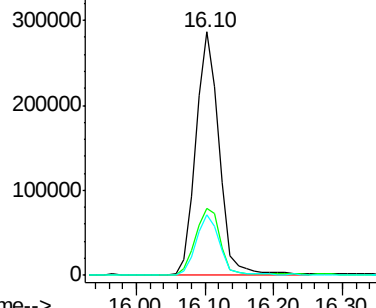
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.50 ng
 RT: 16.10 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.9	38.9
277	25.1	19.9	29.9

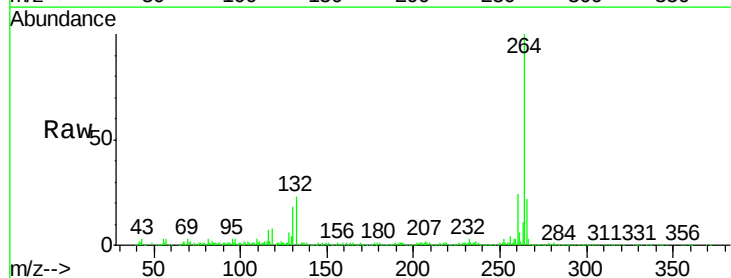


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

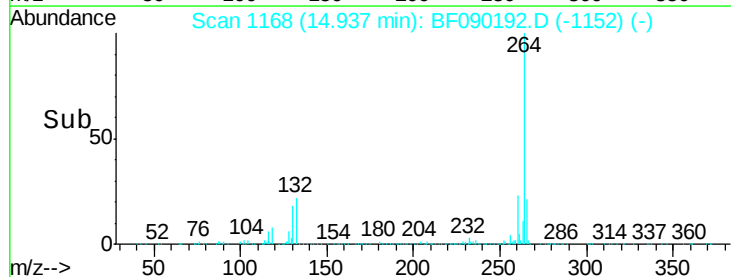
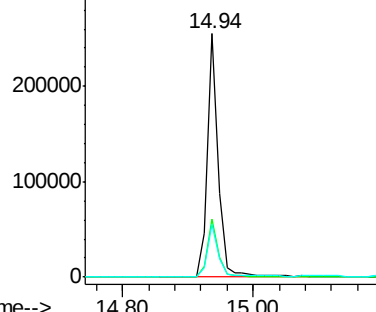


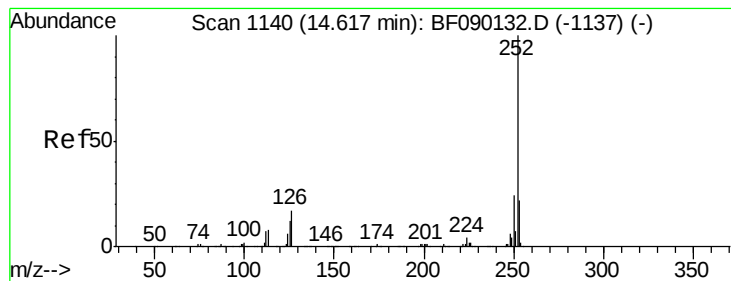
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.7	17.0	25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 79.71 ng

RT: 14.59 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

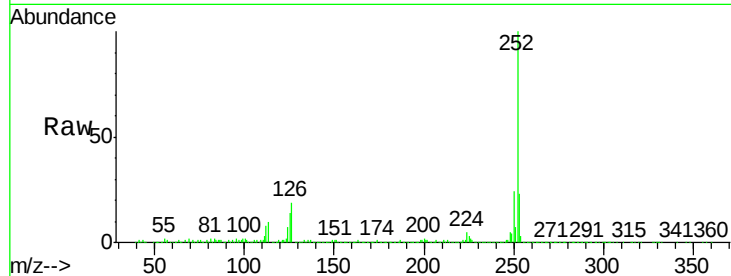
Tgt Ion:252 Resp: 1260646

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

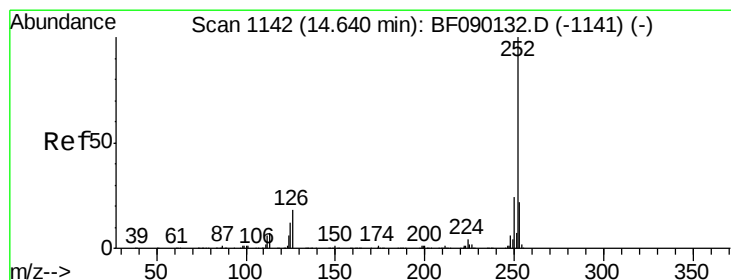
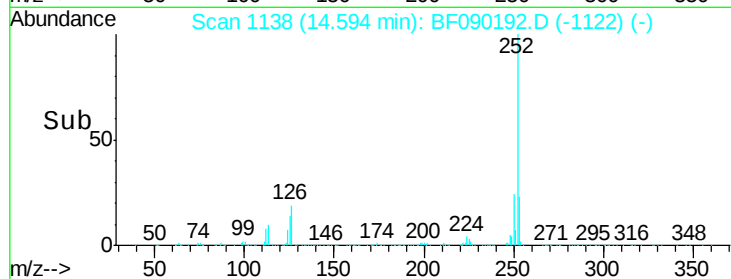
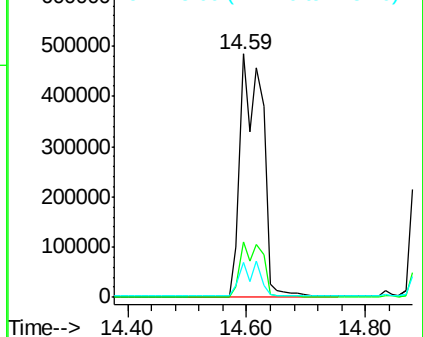
125 14.1 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.94 ng

RT: 14.59 min Scan# 1138

Delta R.T. -0.05 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

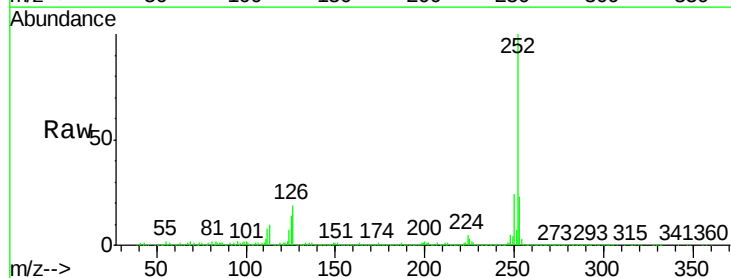
Tgt Ion:252 Resp: 1260646

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

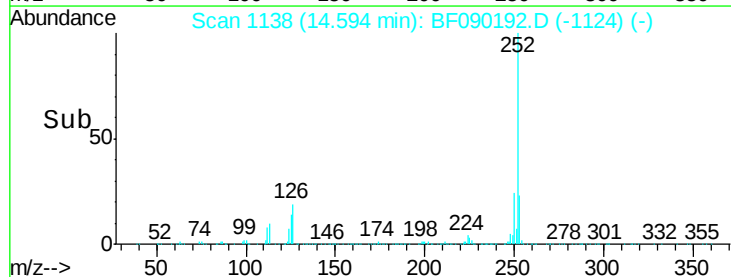
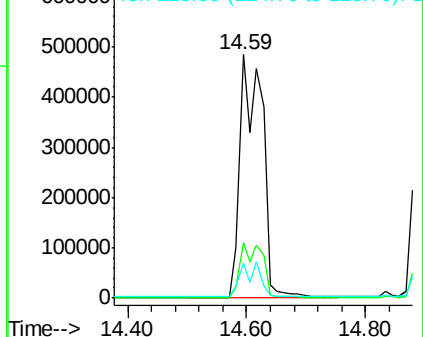
125 14.1 7.8 11.6#

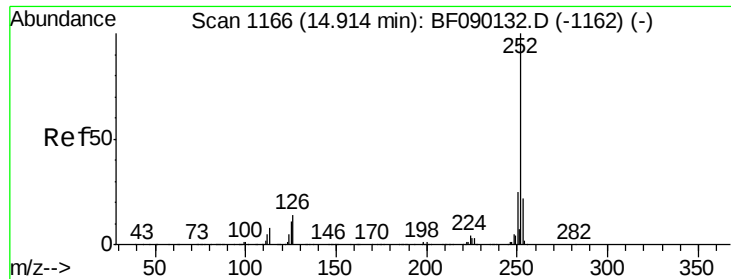


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.38 ng

RT: 14.89 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

Instrument :

BNA_F

ClientSampleId :

BH-8-1.5-2.5FTMSD

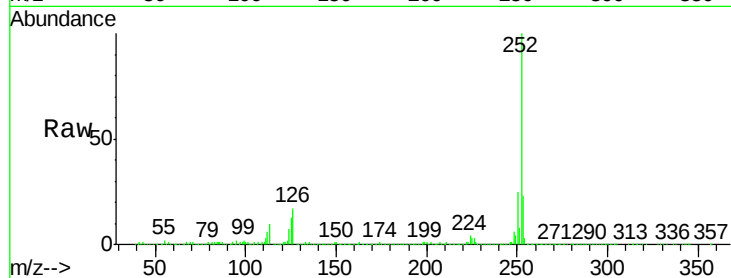
Tgt Ion: 252 Resp: 615594

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

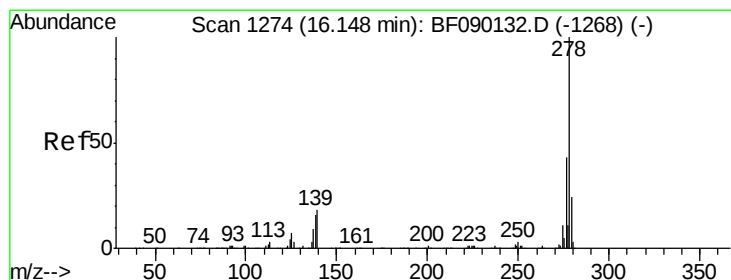
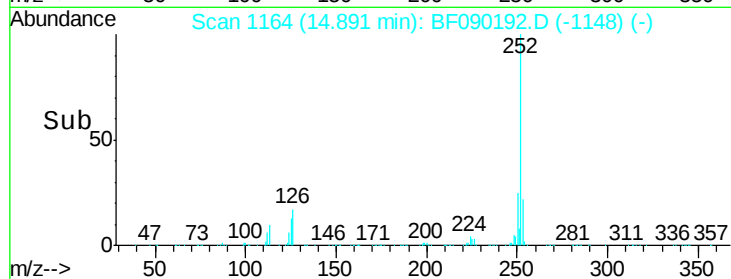
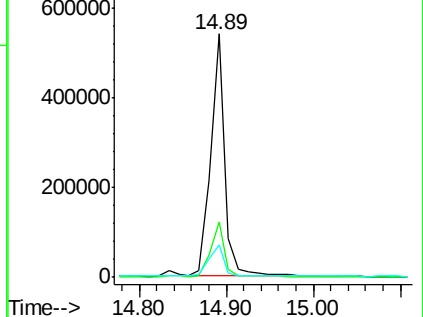
125 13.3 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.10 ng

RT: 16.11 min Scan# 1271

Delta R.T. -0.03 min

Lab File: BF090192.D

Acq: 22 Sep 2016 17:40

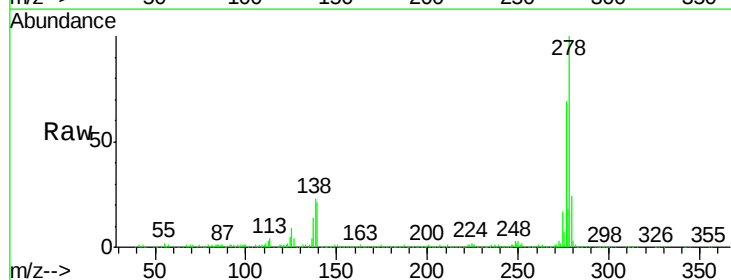
Tgt Ion: 278 Resp: 581571

Ion Ratio Lower Upper

278 100

139 21.2 14.6 21.8

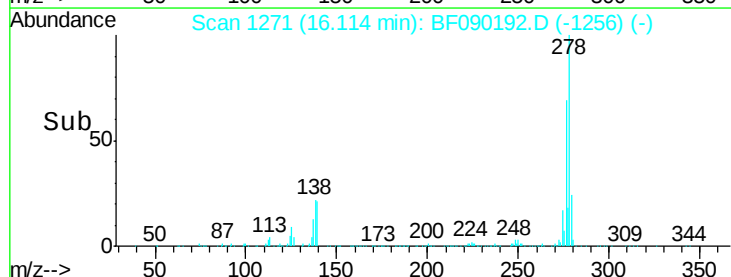
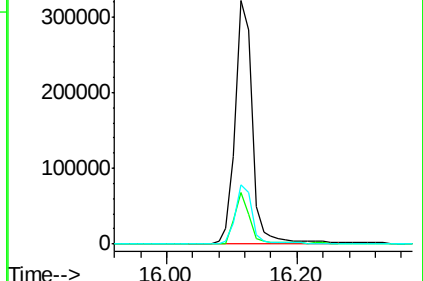
279 24.4 18.8 28.2

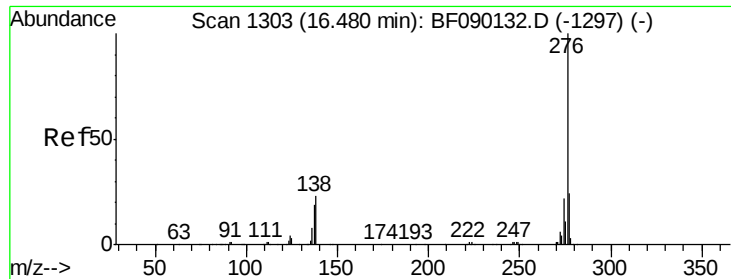


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 49.36 ng
 RT: 16.45 min Scan# 1300
 Delta R.T. -0.03 min
 Lab File: BF090192.D
 Acq: 22 Sep 2016 17:40

Instrument :
 BNA_F
 ClientSampleId :
 BH-8-1.5-2.5FTMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	26.8	23.3	34.9

